

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120319\
 Data File : VX013722.D
 Acq On : 03 Dec 2019 14:14
 Operator : JC/SP
 Sample : VX1203MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Manual Integrations
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Quant Time: Dec 03 15:53:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	645128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	970367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	878145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	435025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	351431	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	5.48	113	287130	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.71	98	1101043	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	11.14	95	395107	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	141137	19.655	ug/l	98
3) Chloromethane	1.32	50	156558	19.431	ug/l	99
4) Vinyl Chloride	1.40	62	174733	19.268	ug/l	100
5) Bromomethane	1.63	94	96069	15.774	ug/l	100
6) Chloroethane	1.72	64	97423	18.879	ug/l	96
7) Trichlorofluoromethane	1.92	101	191218	18.989	ug/l	100
8) Diethyl Ether	2.18	74	90665	19.902	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118962	19.341	ug/l	97
10) Methyl Iodide	2.50	142	124305	16.707	ug/l	99
11) Tert butyl alcohol	3.03	59	161085	87.148	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115251	18.772	ug/l	93
13) Acrolein	2.28	56	99097	84.244	ug/l	100
14) Allyl chloride	2.72	41	211213	18.957	ug/l	100
15) Acrylonitrile	3.13	53	373507	97.894	ug/l	100
16) Acetone	2.43	43	408973	110.618	ug/l	98
17) Carbon Disulfide	2.56	76	306534	17.514	ug/l	98
18) Methyl Acetate	2.76	43	214482	20.833	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	404268	19.877	ug/l	100
20) Methylene Chloride	2.84	84	138605	19.514	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	126301	18.884	ug/l	98
22) Diisopropyl ether	3.84	45	435956	20.321	ug/l	99
23) Vinyl Acetate	3.80	43	1709733	95.799	ug/l	100
24) 1,1-Dichloroethane	3.69	63	229433	19.563	ug/l	98
25) 2-Butanone	4.65	43	563989	102.643	ug/l	98
26) 2,2-Dichloropropane	4.57	77	178356	18.381	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	145238	18.909	ug/l	99
28) Bromochloromethane	5.00	49	95251	20.545	ug/l	100
29) Tetrahydrofuran	5.11	42	342088	100.991	ug/l	99
30) Chloroform	5.20	83	222546	18.711	ug/l	96
31) Cyclohexane	5.57	56	208020	18.805	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	190246	19.141	ug/l	98
36) 1,1-Dichloropropene	5.79	75	169332	19.224	ug/l	99
37) Ethyl Acetate	4.81	43	200765	20.317	ug/l	99
38) Carbon Tetrachloride	5.78	117	160645	19.778	ug/l	97

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1203MBS01

Manual Integrations
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Quant Time: Dec 03 15:53:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	215136	19.759	ug/l	95
40) Benzene	6.13	78	521074	19.423	ug/l	97
41) Methacrylonitrile	5.03	41	110064	20.309	ug/l	99
42) 1,2-Dichloroethane	6.18	62	184965	20.216	ug/l	99
43) Isopropyl Acetate	6.43	43	326110	20.045	ug/l	99
44) Trichloroethene	7.20	130	140927	19.140	ug/l	97
45) 1,2-Dichloropropane	7.51	63	136333	20.311	ug/l	100
46) Dibromomethane	7.65	93	89799	19.698	ug/l	97
47) Bromodichloromethane	7.89	83	174078	20.199	ug/l	98
48) Methyl methacrylate	7.76	41	162486	20.556	ug/l	98
49) 1,4-Dioxane	7.73	88	66055	373.333	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1038928	101.524	ug/l	99
52) Toluene	8.78	92	326481	19.589	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	191044	19.475	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	212693	19.846	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	137172	20.424	ug/l	98
56) Ethyl methacrylate	9.17	69	218139	20.202	ug/l	100
57) 1,3-Dichloropropane	9.37	76	228296	19.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	406067	95.914	ug/l	99
59) 2-Hexanone	9.48	43	812186	101.762	ug/l	98
60) Dibromochloromethane	9.57	129	137460	19.721	ug/l	99
61) 1,2-Dibromoethane	9.67	107	139043	19.384	ug/l	98
64) Tetrachloroethene	9.33	164	155085	23.682	ug/l	98
65) Chlorobenzene	10.14	112	355668	19.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	129117	19.722	ug/l	99
67) Ethyl Benzene	10.25	91	619108	19.761	ug/l	99
68) m/p-Xylenes	10.35	106	472223	39.369	ug/l	99
69) o-Xylene	10.70	106	227937	19.484	ug/l	97
70) Styrene	10.71	104	387016	19.667	ug/l	99
71) Bromoform	10.85	173	107276	19.803	ug/l #	98
73) Isopropylbenzene	11.01	105	610445	20.005	ug/l	100
74) N-amyl acetate	10.89	43	283092	20.252	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	208717	19.723	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	203891m	20.838	ug/l	
77) Bromobenzene	11.25	156	160308	19.446	ug/l	99
78) n-propylbenzene	11.35	91	682778	20.044	ug/l	100
79) 2-Chlorotoluene	11.42	91	404668	19.803	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	507745	20.302	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67124	18.768	ug/l	94
82) 4-Chlorotoluene	11.51	91	464131	19.611	ug/l	98
83) tert-Butylbenzene	11.76	119	491262	19.328	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	512637	20.196	ug/l	99
85) sec-Butylbenzene	11.94	105	593981	20.459	ug/l	100
86) p-Isopropyltoluene	12.06	119	544402	20.156	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	276343	19.230	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	274890	18.780	ug/l	99
89) n-Butylbenzene	12.38	91	454385	19.725	ug/l	99
90) Hexachloroethane	12.59	117	94255	19.307	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	276709	19.489	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45029	19.539	ug/l	98

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Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

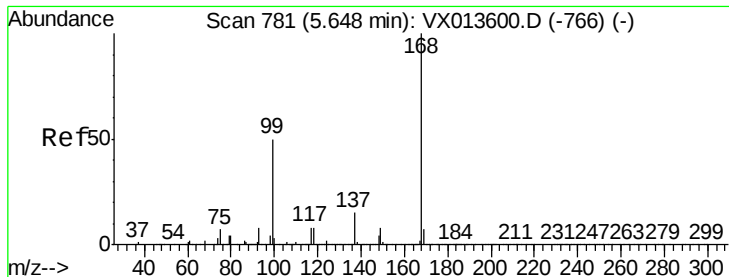
Manual Integrations
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Quant Time: Dec 03 15:53:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	186929	18.891	ug/l	99
94) Hexachlorobutadiene	13.78	225	88936	18.710	ug/l	97
95) Naphthalene	13.83	128	577746	19.606	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	187366	19.124	ug/l	98

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



#1

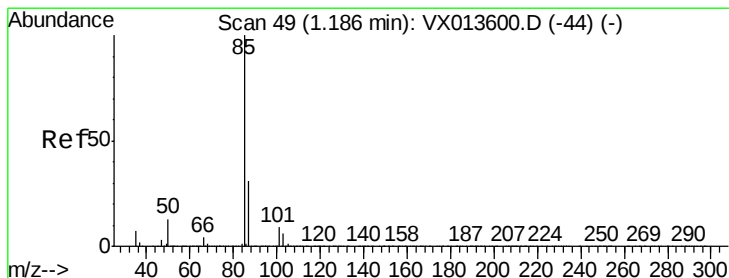
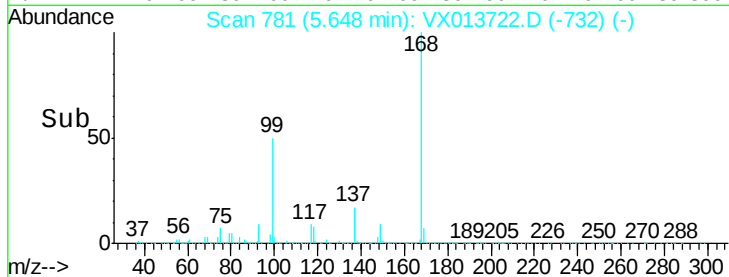
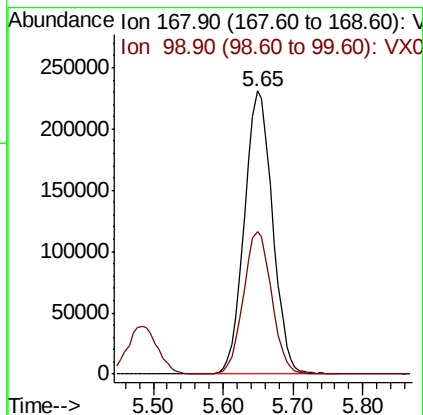
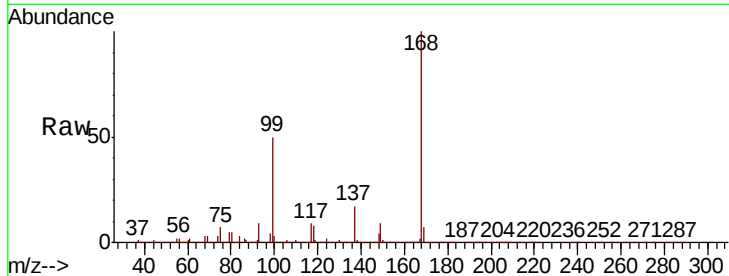
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.8	59.8

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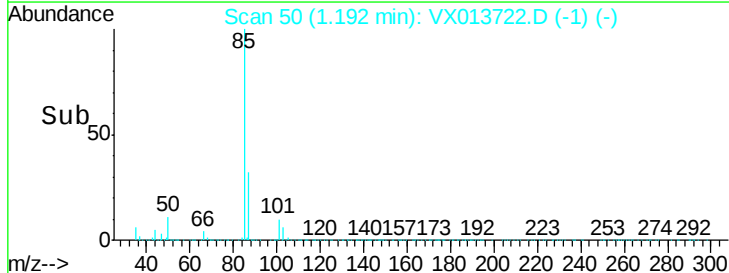
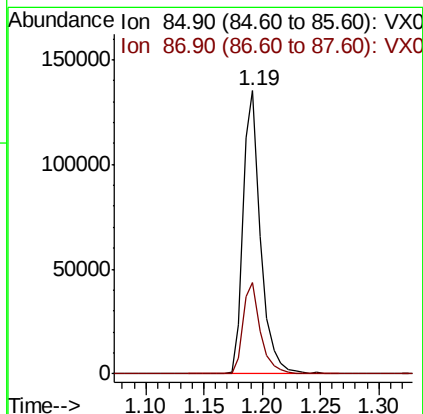
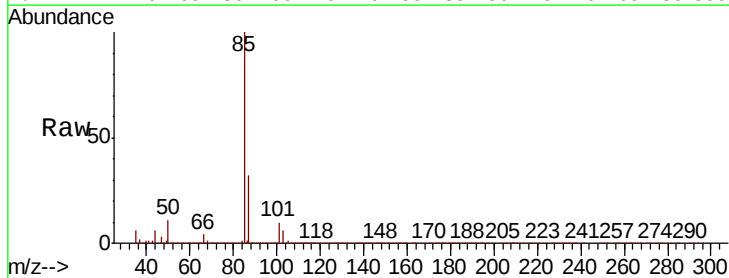
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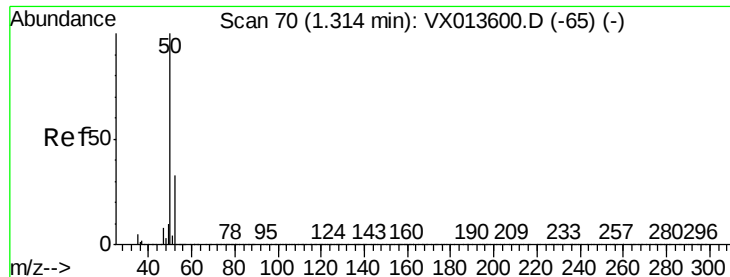


#2

Dichlorodifluoromethane
 Concen: 19.655 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.7	47.1





#3

Chloromethane

Concen: 19.431 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 50 Resp: 156558

Ion Ratio Lower Upper

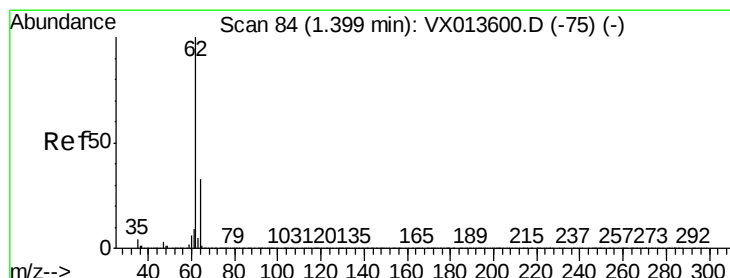
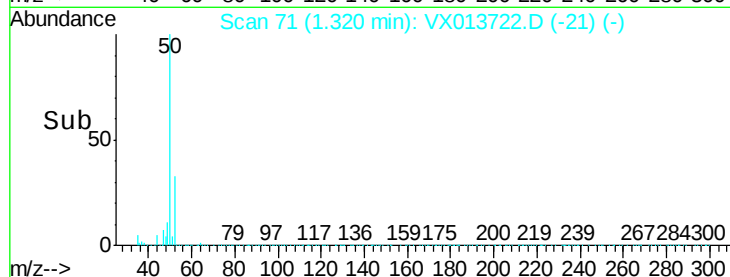
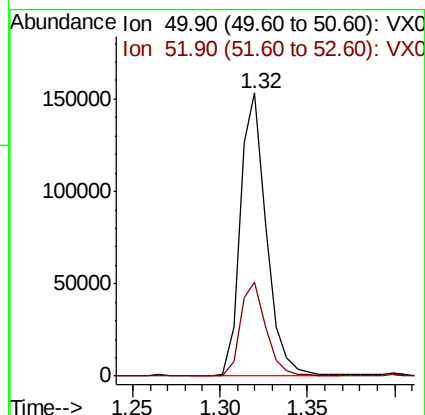
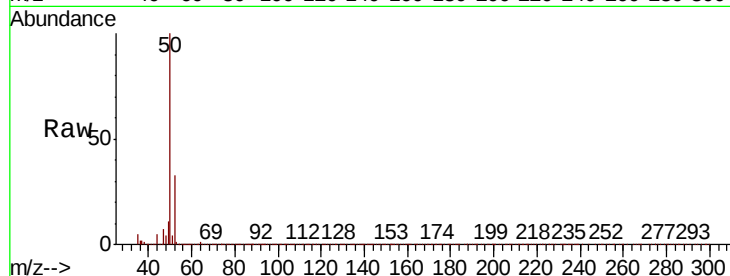
50 100

52 32.9 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.268 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013722.D

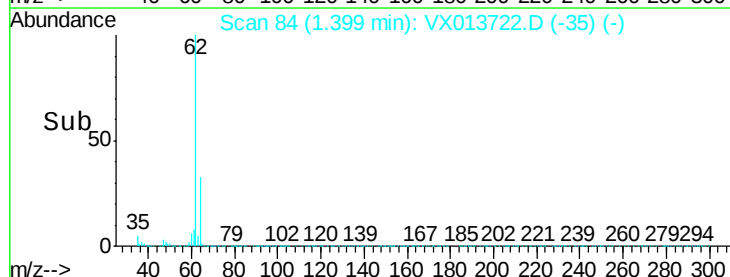
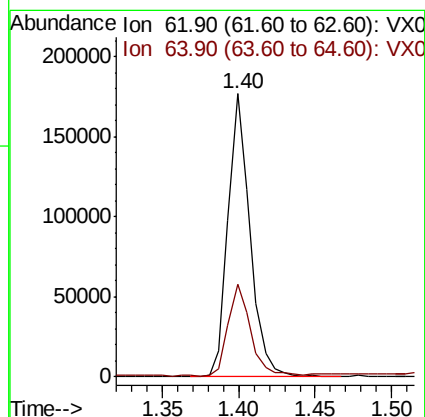
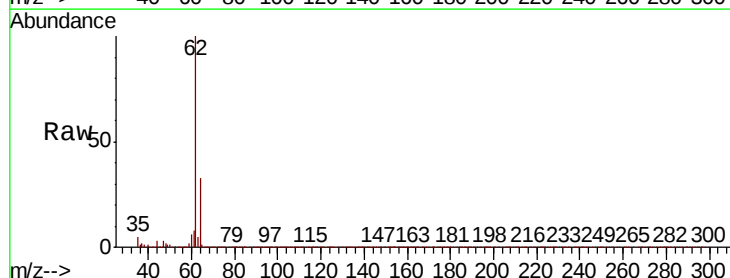
Acq: 03 Dec 2019 14:14

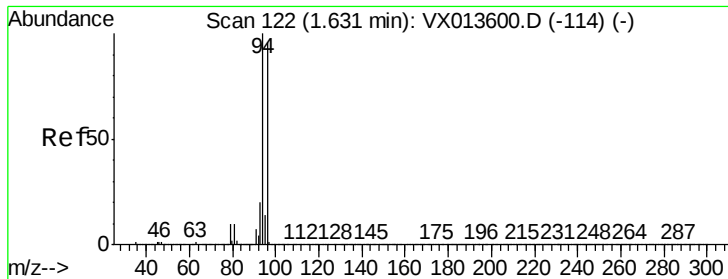
Tgt Ion: 62 Resp: 174733

Ion Ratio Lower Upper

62 100

64 32.4 26.0 39.0





#5

Bromomethane

Concen: 15.774 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 94 Resp: 96069

Ion Ratio Lower Upper

94 100

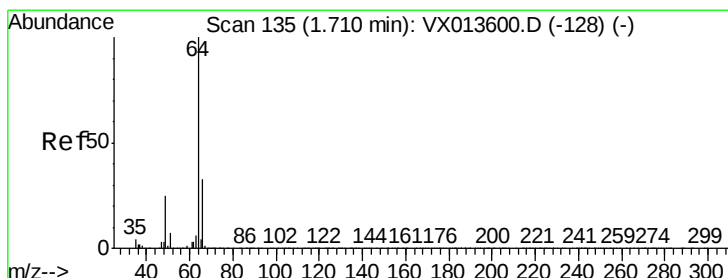
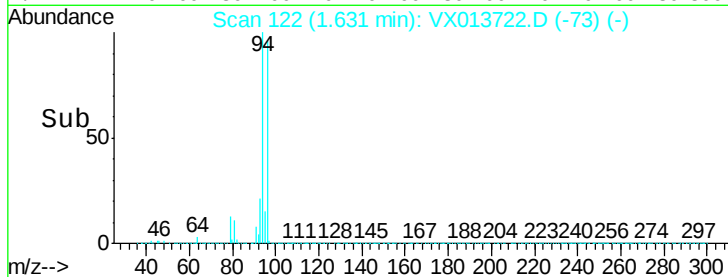
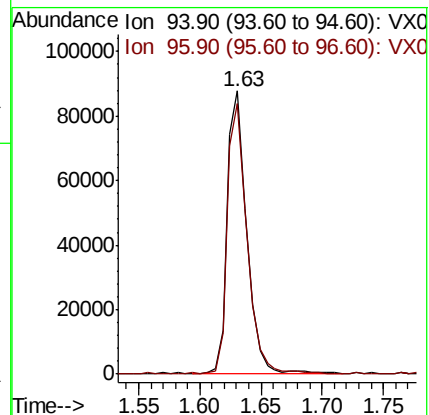
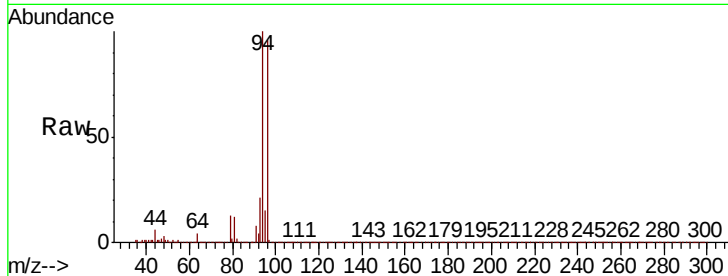
96 95.8 77.0 115.4

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#6

Chloroethane

Concen: 18.879 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013722.D

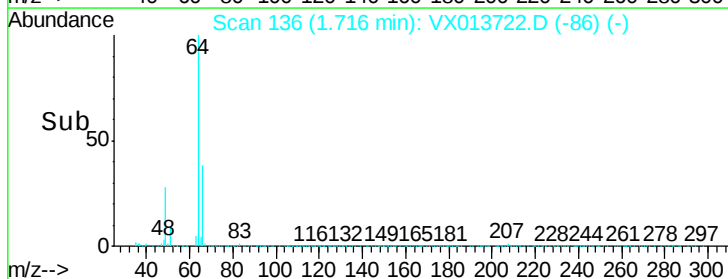
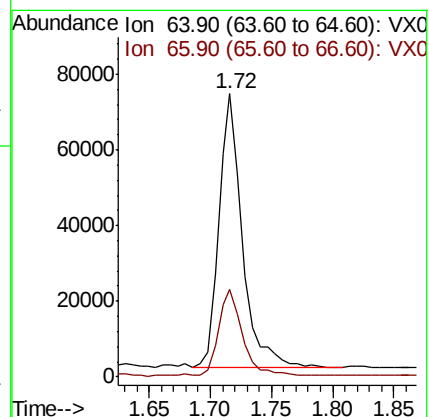
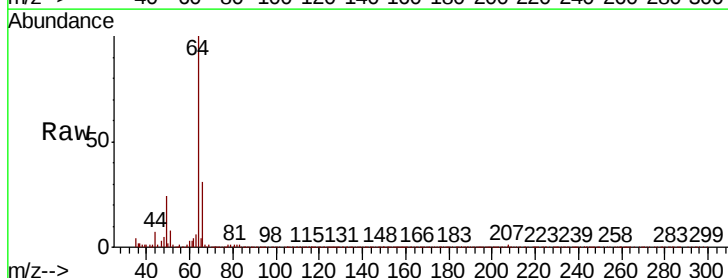
Acq: 03 Dec 2019 14:14

Tgt Ion: 64 Resp: 97423

Ion Ratio Lower Upper

64 100

66 31.4 26.7 40.1





#7

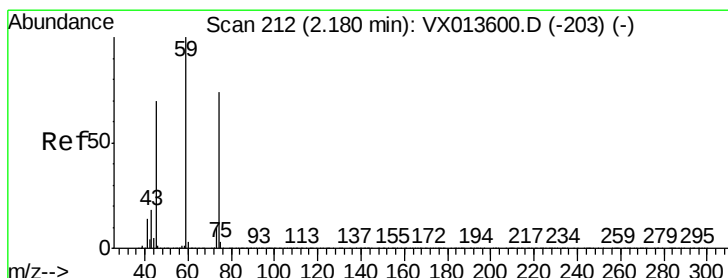
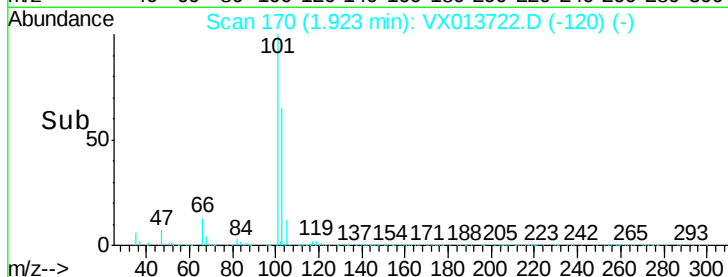
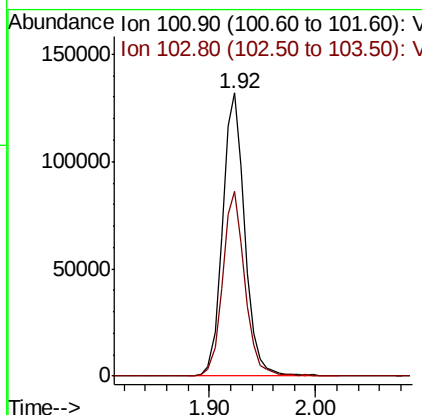
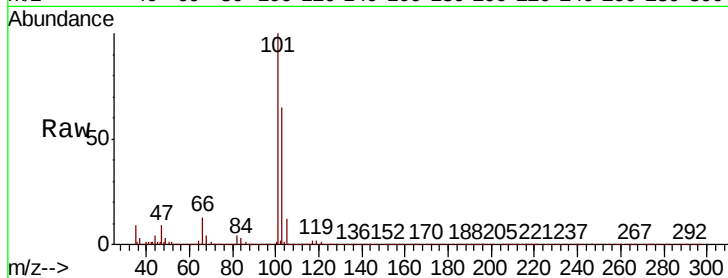
Trichlorofluoromethane
 Concen: 18.989 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.8	77.6

Manual Integrations
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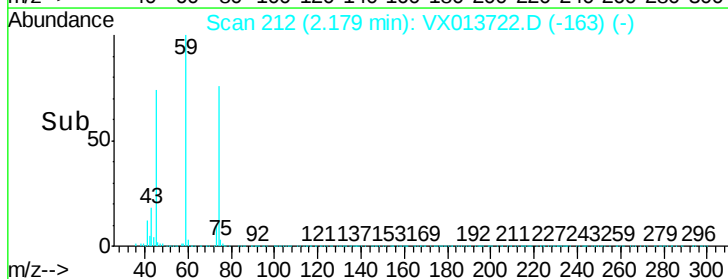
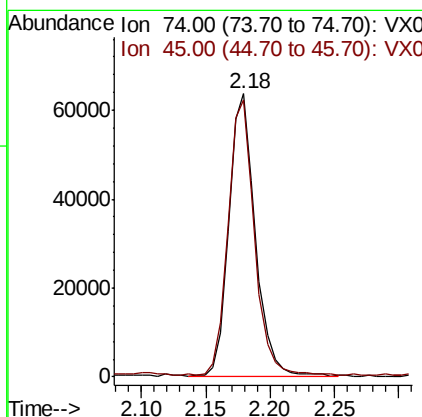
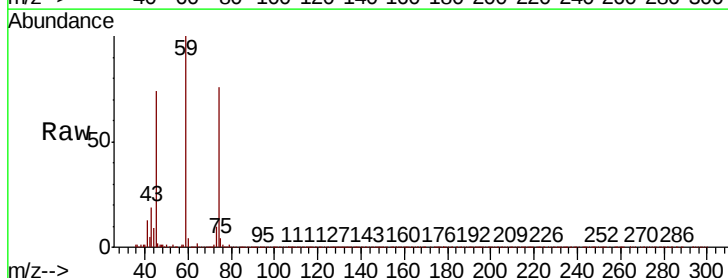
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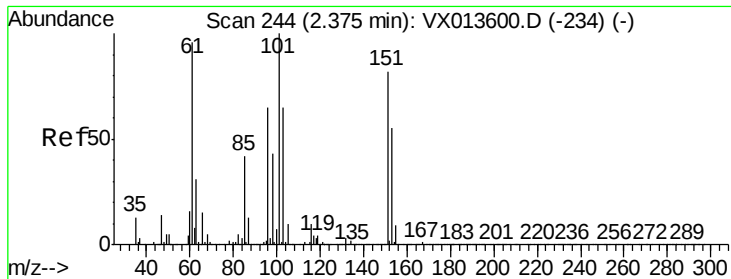


#8

Diethyl Ether
 Concen: 19.902 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.341 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

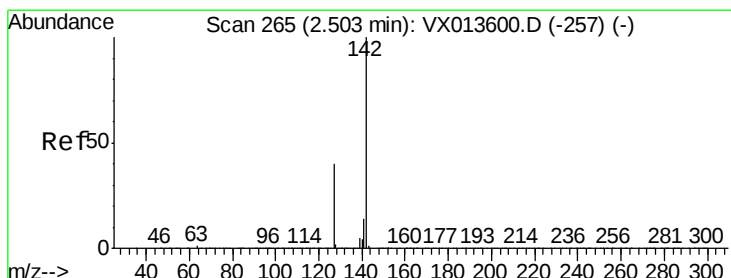
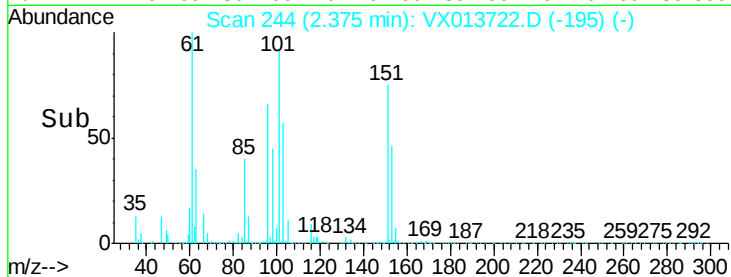
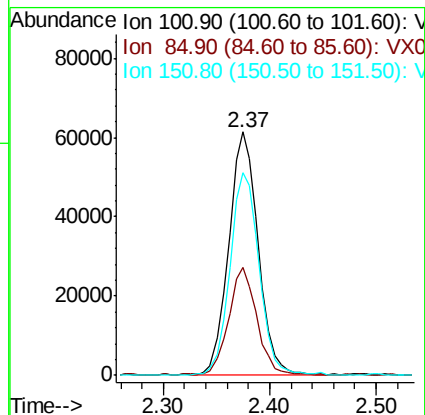
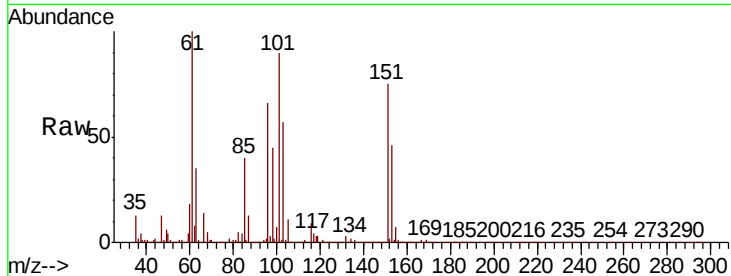
ClientSampleId :

VX1203MBS01

Tot Ion:	101	Resp:	118962
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.9	50.9
151	83.4	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 16.707 ug/l

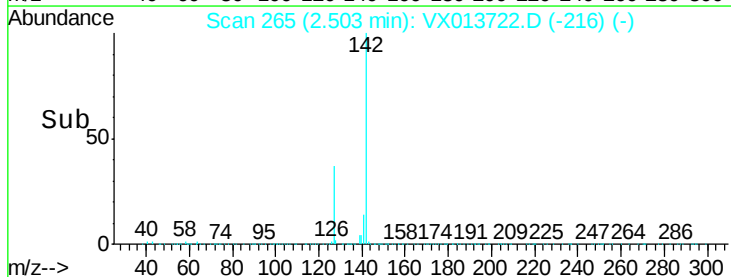
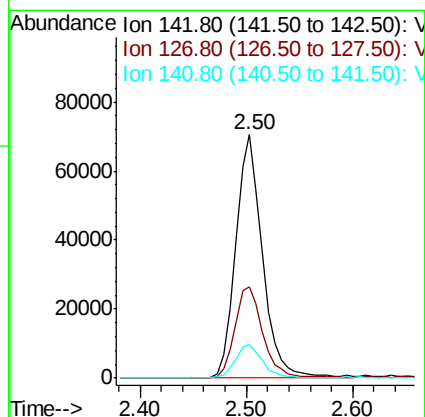
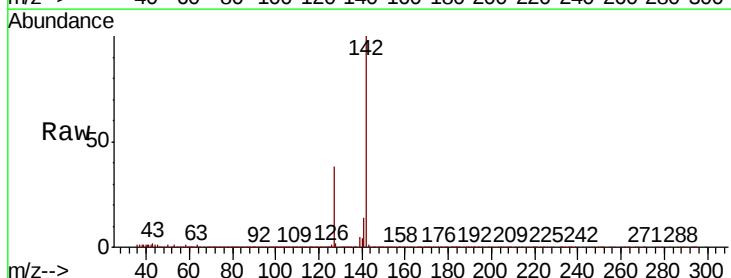
RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion:	142	Resp:	124305
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.0	46.4
141	14.1	11.6	17.4





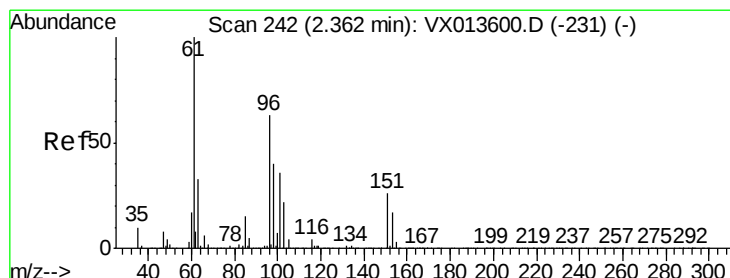
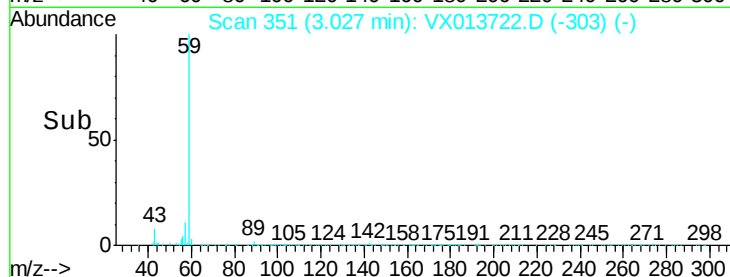
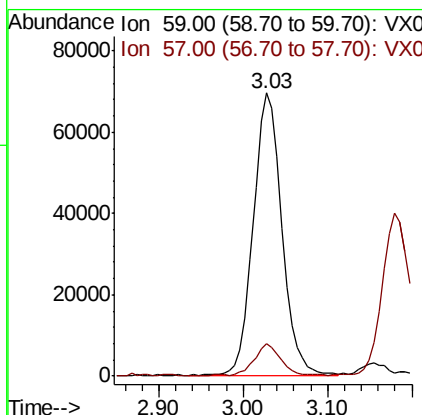
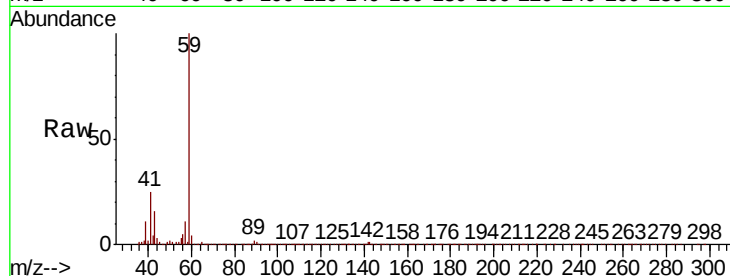
#11
Tert butyl alcohol
Concen: 87.148 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.6

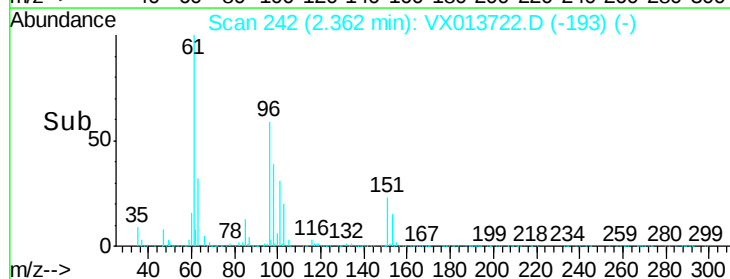
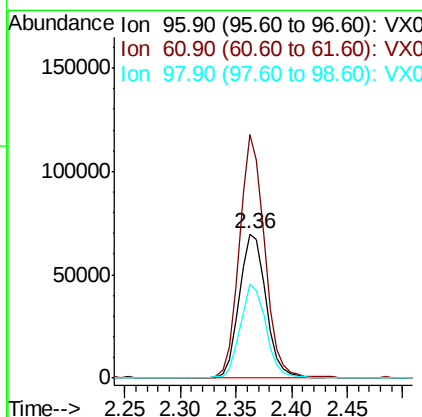
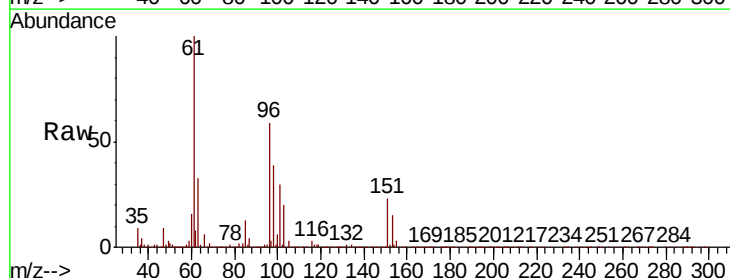
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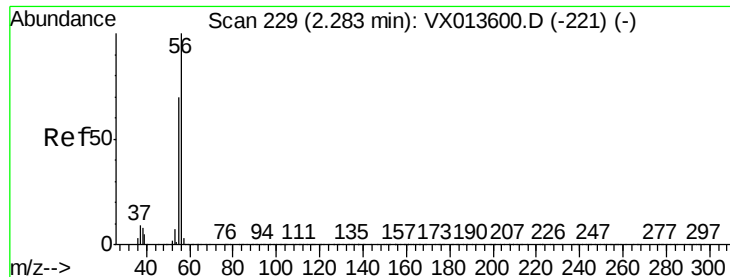
apatel
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#12
1,1-Dichloroethene
Concen: 18.772 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.0	126.6	190.0
98	65.3	50.6	76.0





#13

Acrolein

Concen: 84.244 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 56 Resp: 99097

Ion Ratio Lower Upper

56 100

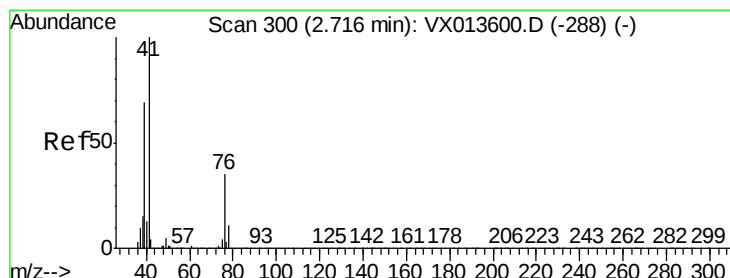
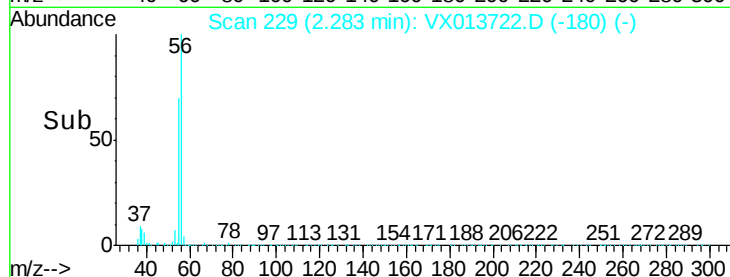
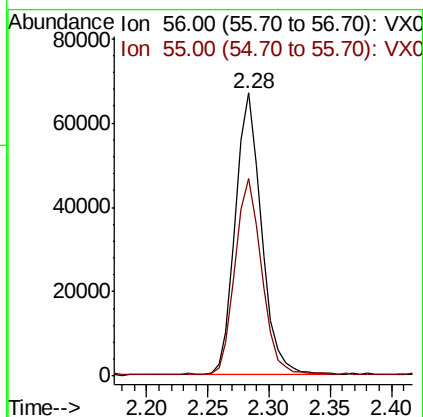
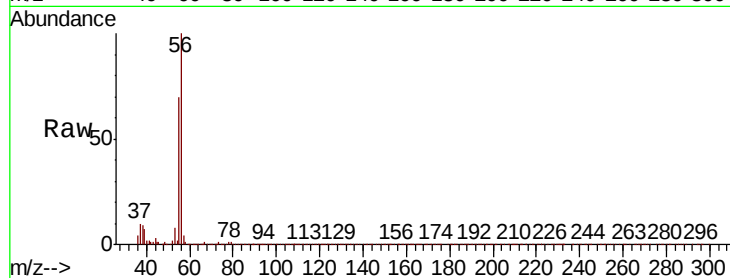
55 70.3 56.2 84.4

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#14

Allyl chloride

Concen: 18.957 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

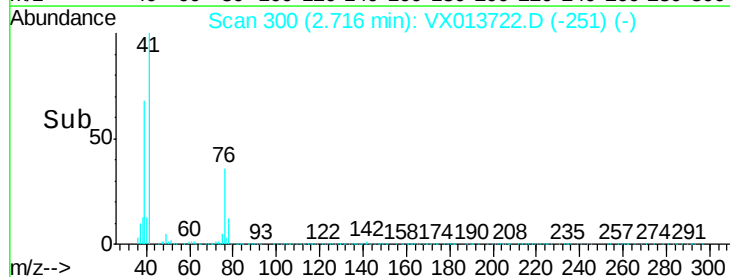
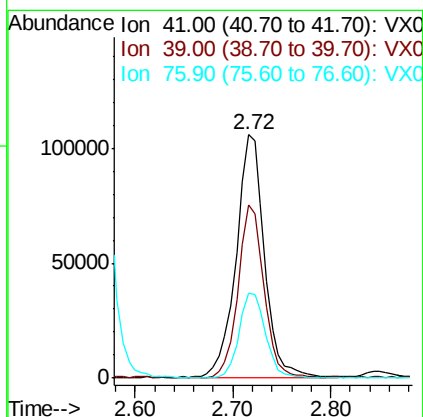
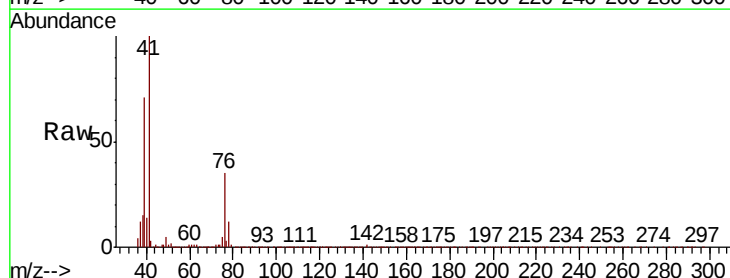
Tgt Ion: 41 Resp: 211213

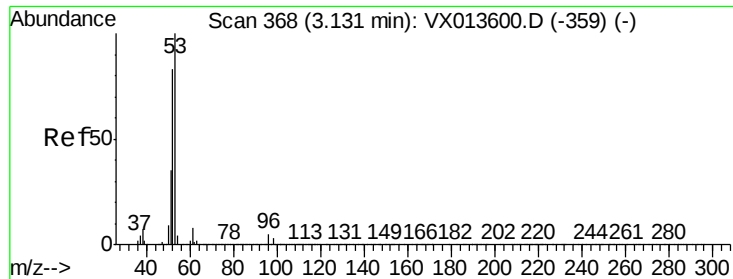
Ion Ratio Lower Upper

41 100

39 64.5 51.7 77.5

76 32.3 25.9 38.9





#15

Acrylonitrile

Concen: 97.894 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

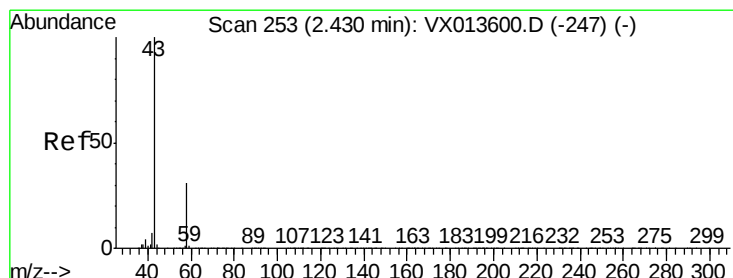
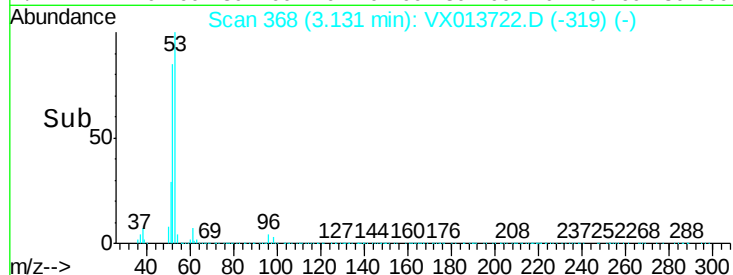
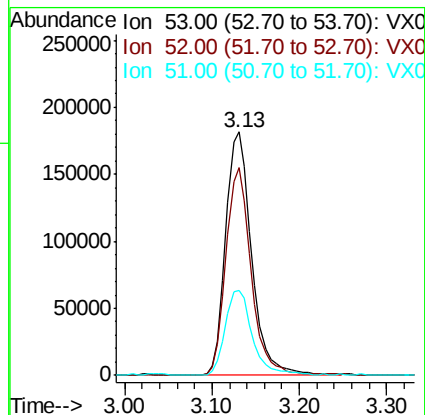
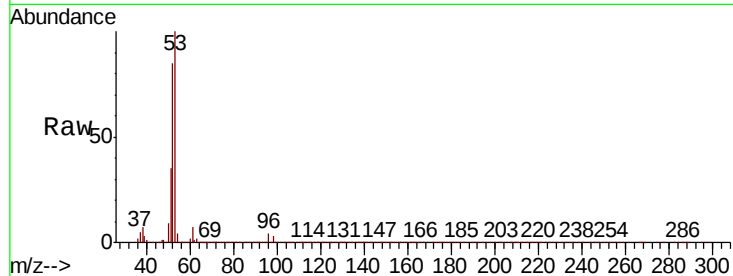
ClientSampleId :

VX1203MBS01

Tot Ion:	53	Resp:	373507
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.2	99.2
51	36.2	29.0	43.6

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#16

Acetone

Concen: 110.618 ug/l

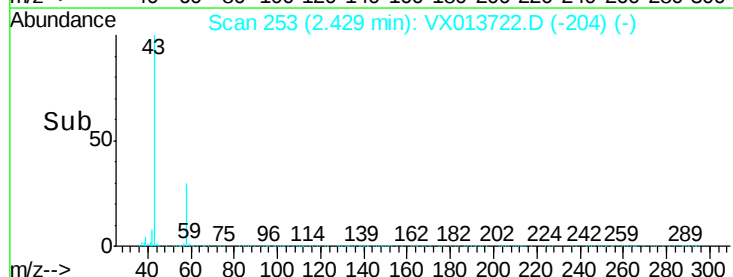
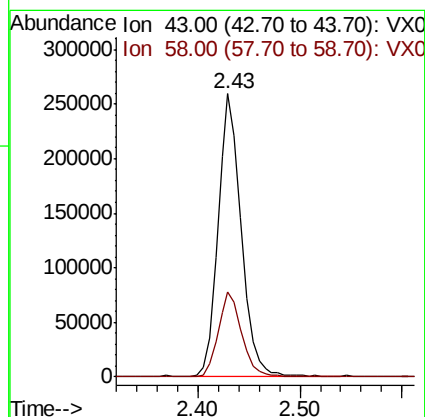
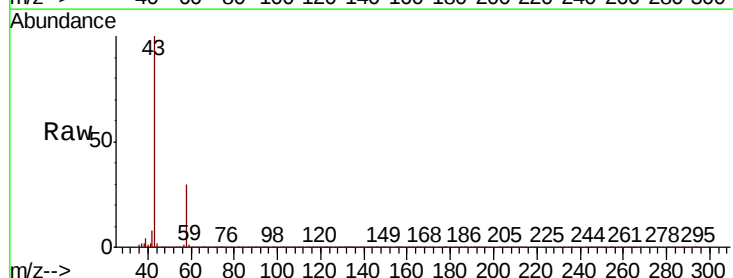
RT: 2.43 min Scan# 253

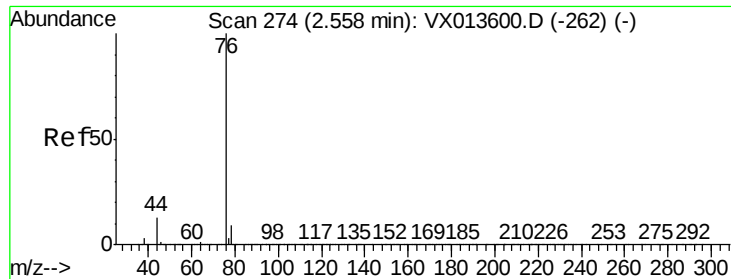
Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion:	43	Resp:	408973
Ion Ratio		Lower	Upper
43	100		
58	29.9	24.6	36.8





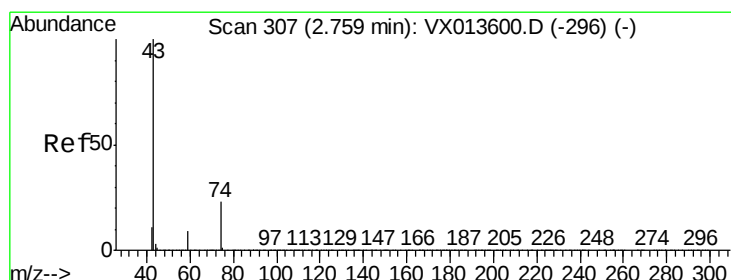
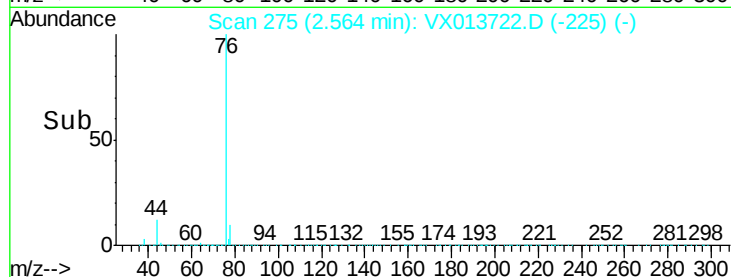
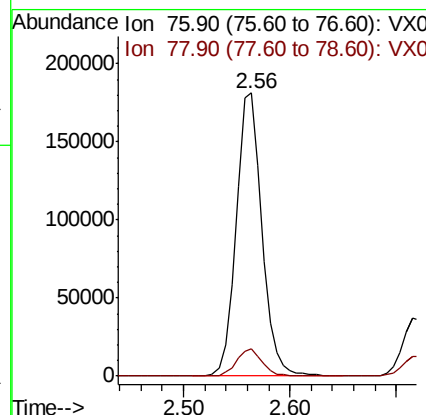
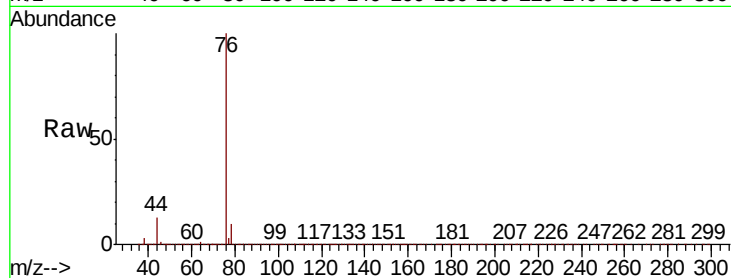
#17
Carbon Disulfide
Concen: 17.514 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.2	10.8

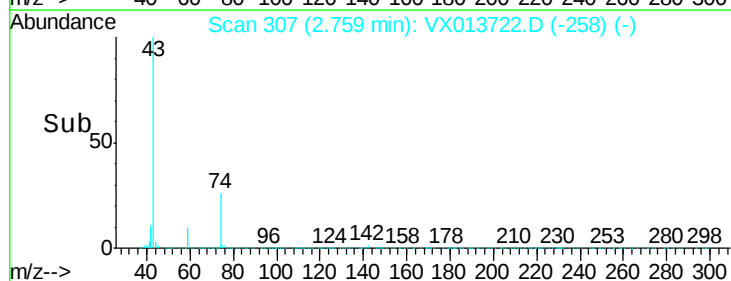
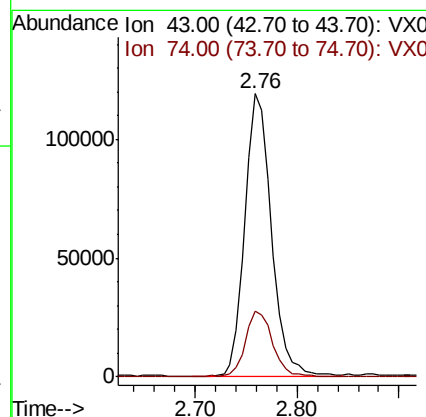
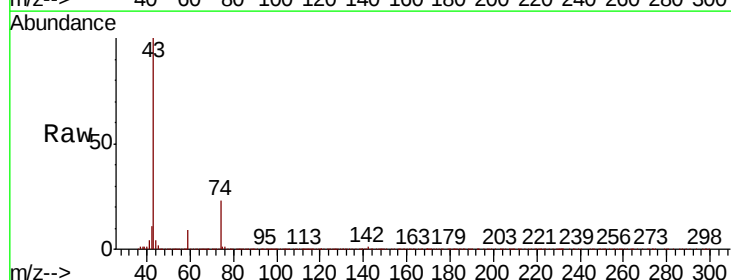
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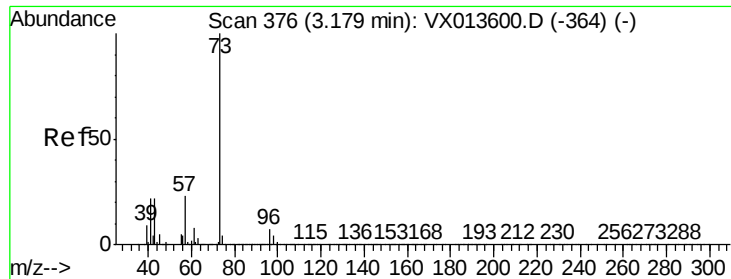
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#18
Methyl Acetate
Concen: 20.833 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.5	29.3





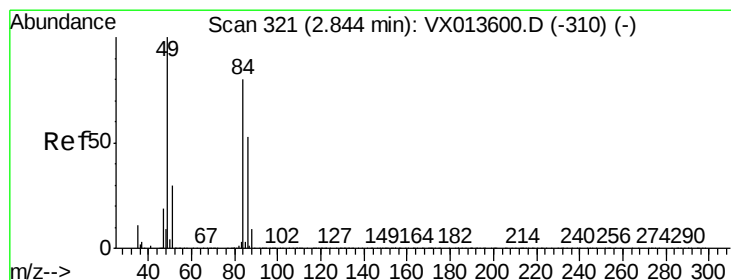
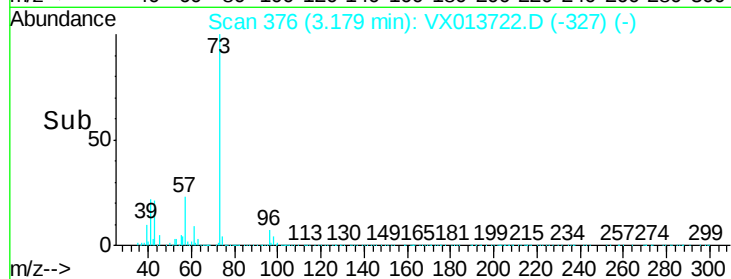
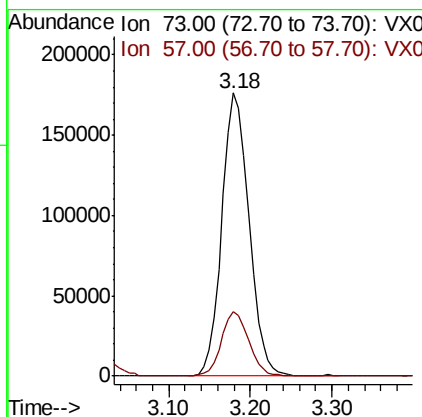
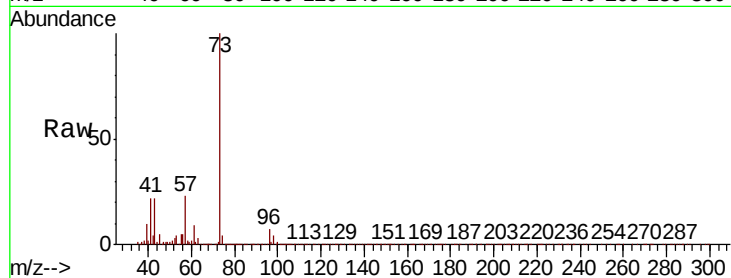
#19
Methvl tert-butvl Ether
Concen: 19.877 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.3	27.5

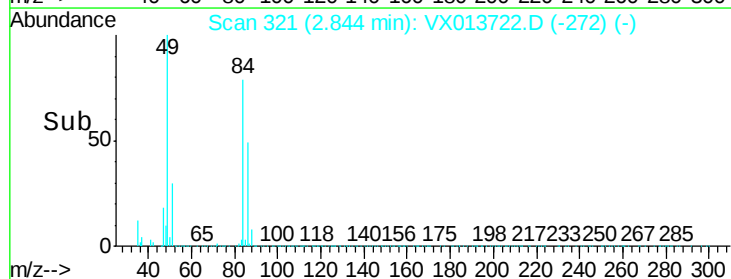
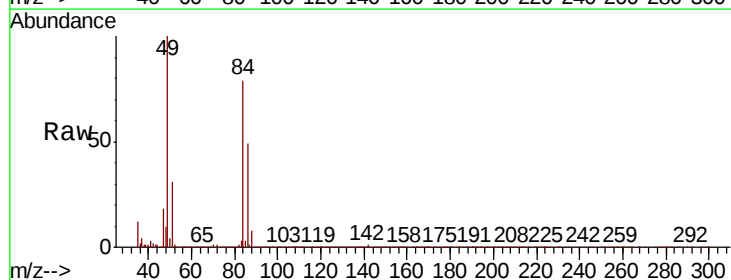
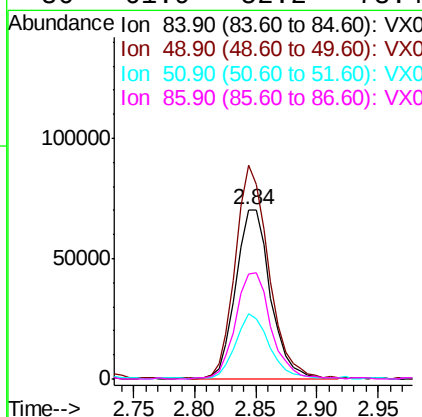
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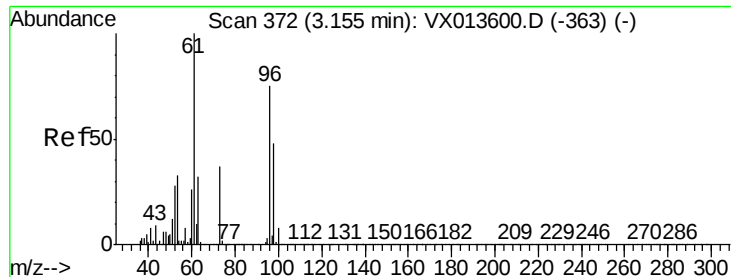
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#20
Methylene Chloride
Concen: 19.514 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.9	99.7	149.5
51	38.3	29.9	44.9
86	61.9	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.884 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

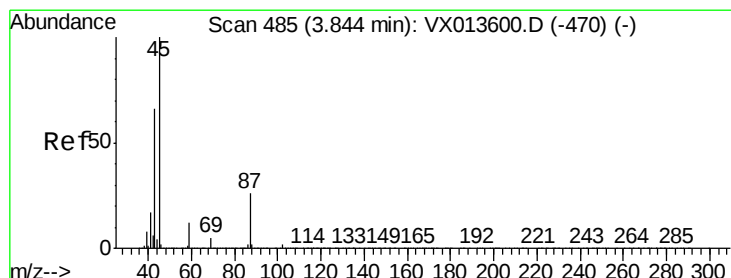
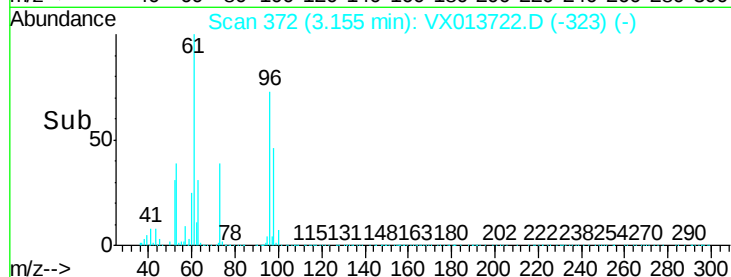
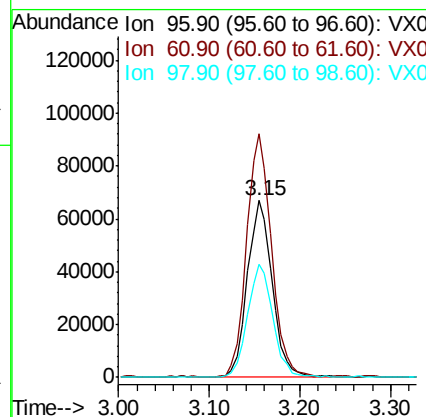
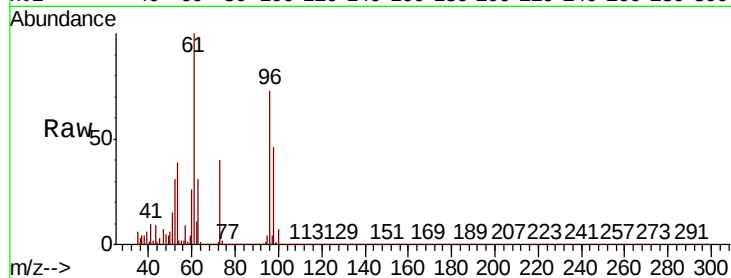
ClientSampleId :

VX1203MBS01

Tot Ion:	96	Resp:	126301
Ion Ratio	Lower	Upper	
96	100		
61	137.8	107.2	160.8
98	63.7	51.4	77.0

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#22

Diisopropyl ether

Concen: 20.321 ug/l

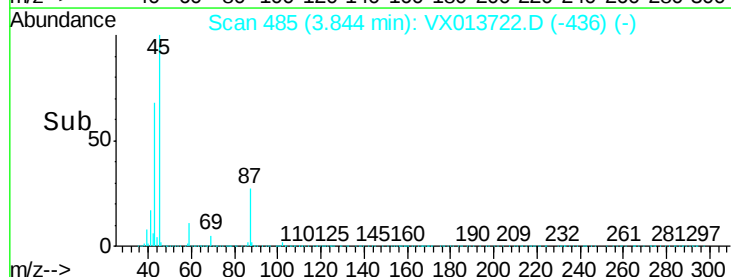
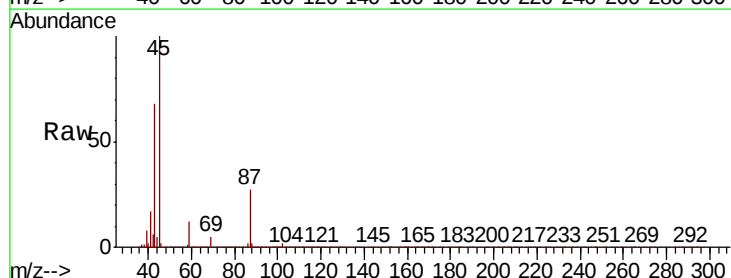
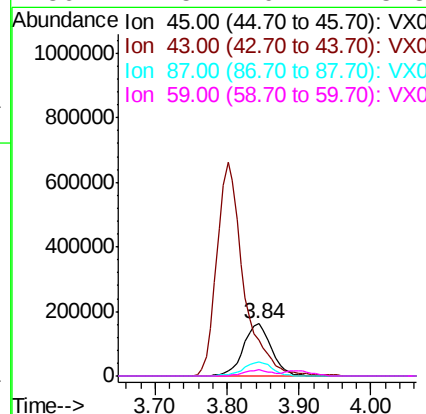
RT: 3.84 min Scan# 485

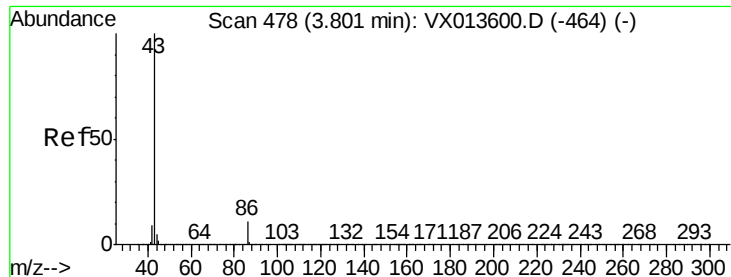
Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion:	45	Resp:	435956
Ion Ratio	Lower	Upper	
45	100		
43	67.3	52.6	79.0
87	26.6	21.1	31.7
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 95.799 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 43 Resp: 1709733

Ion Ratio Lower Upper

43 100

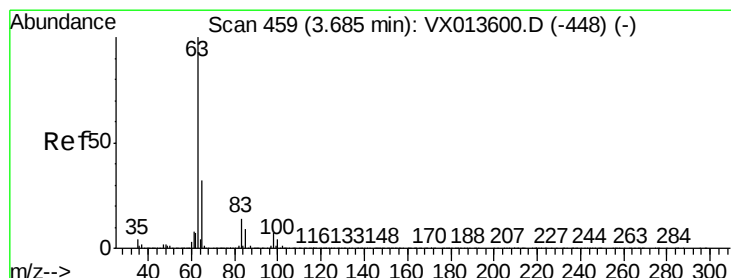
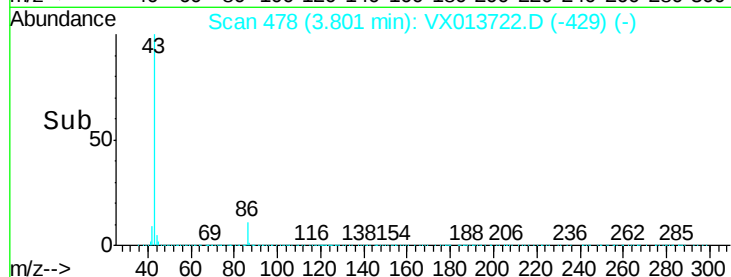
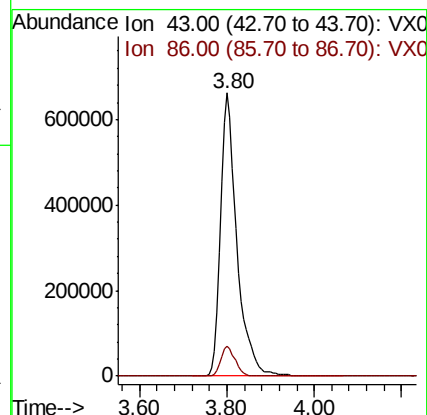
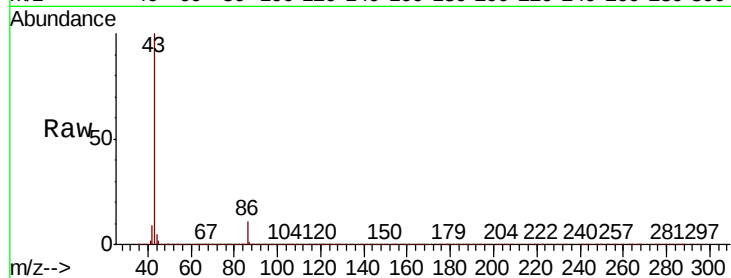
86 10.7 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.563 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

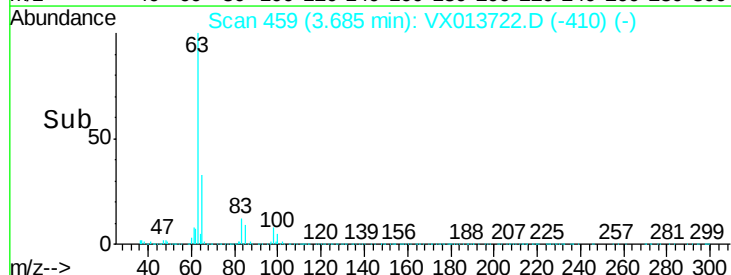
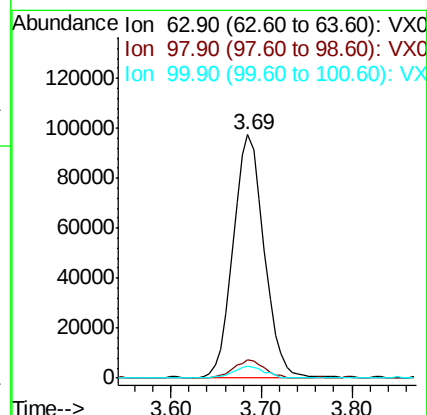
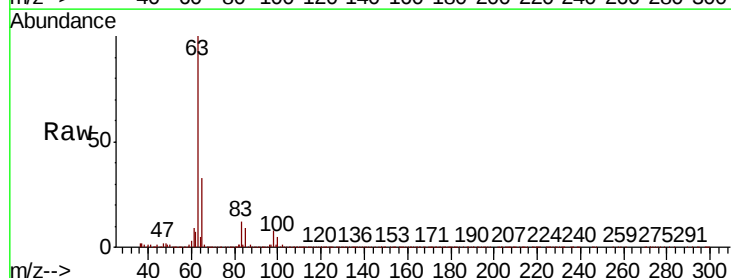
Tgt Ion: 63 Resp: 229433

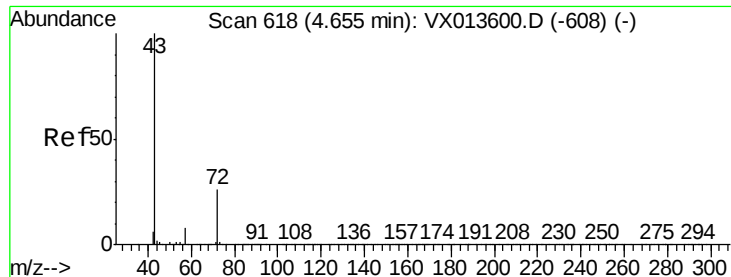
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.8 2.1 6.3





#25

2-Butanone

Concen: 102.643 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 43 Resp: 563989

Ion Ratio Lower Upper

43 100

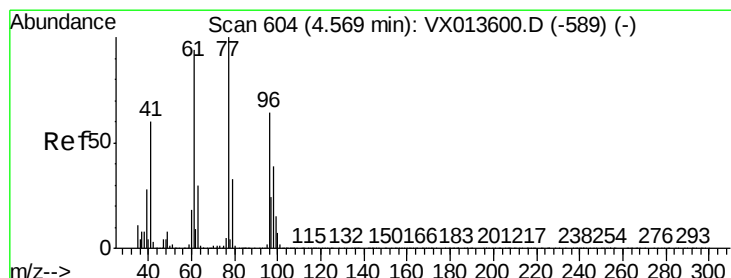
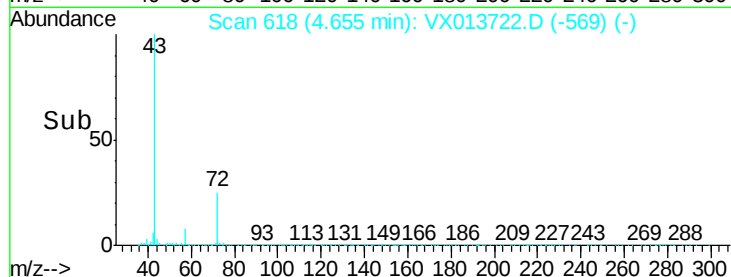
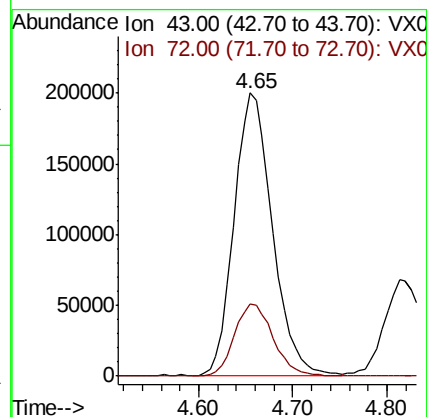
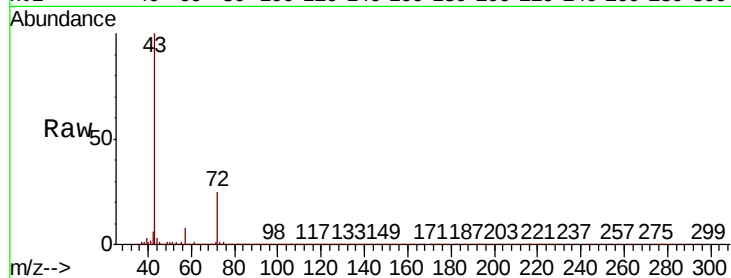
72 25.0 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 18.381 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013722.D

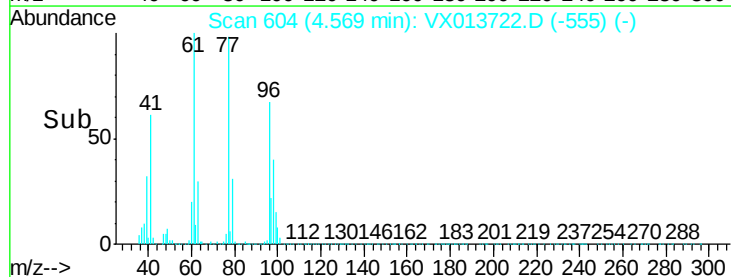
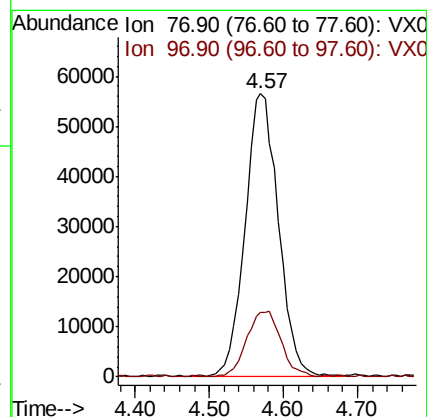
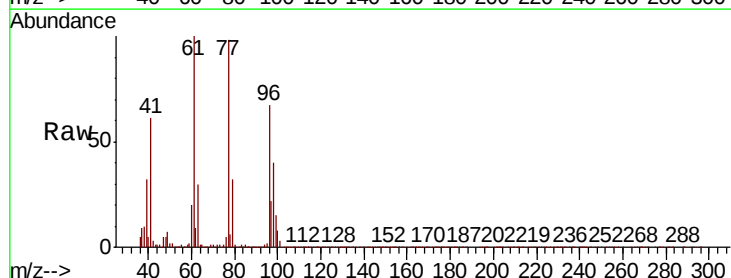
Acq: 03 Dec 2019 14:14

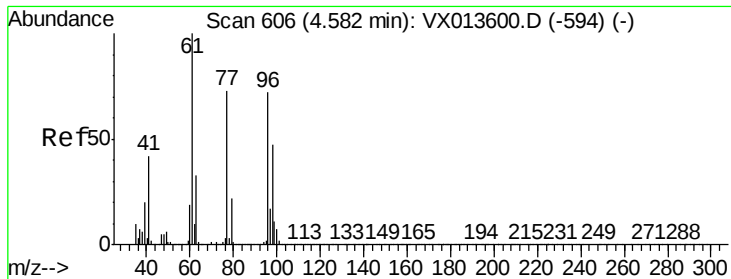
Tgt Ion: 77 Resp: 178356

Ion Ratio Lower Upper

77 100

97 23.2 12.0 36.1





#27

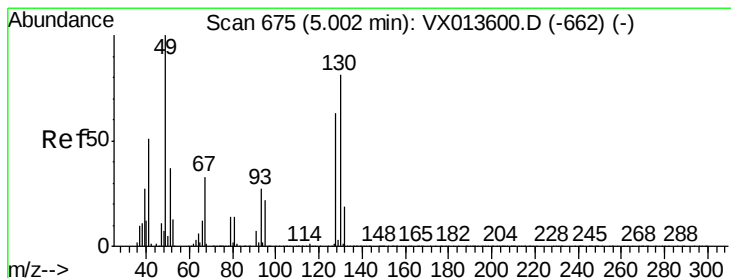
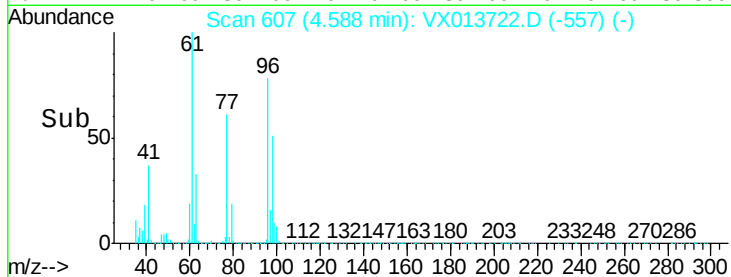
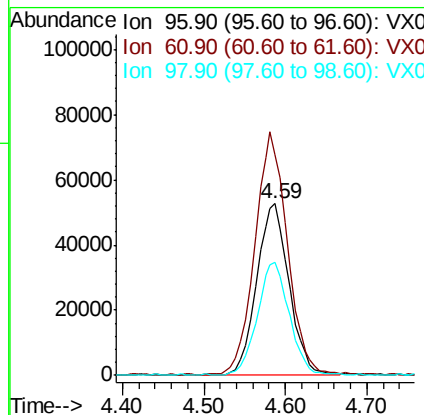
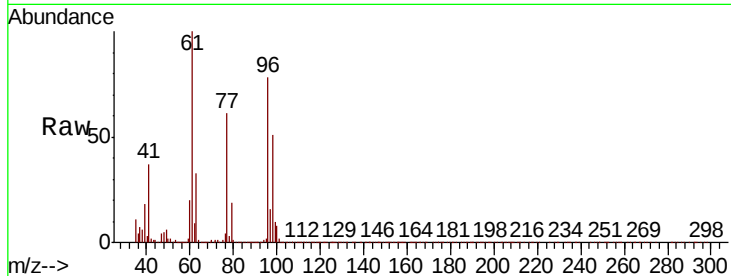
cis-1,2-Dichloroethene
Concen: 18.909 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	145238		
61	142.2	0.0	286.4	
98	64.3	0.0	127.4	

Manual Integrations
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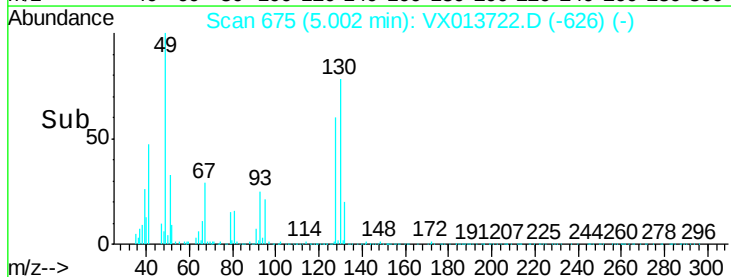
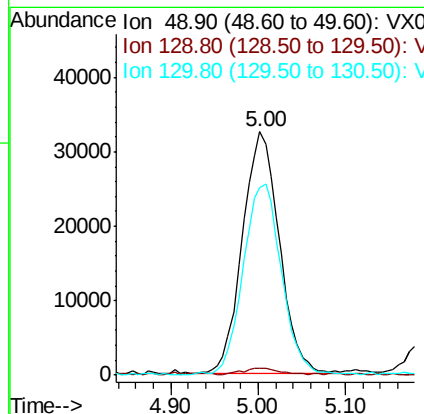
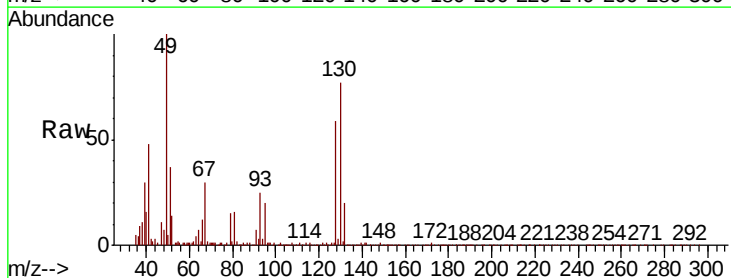
apatel
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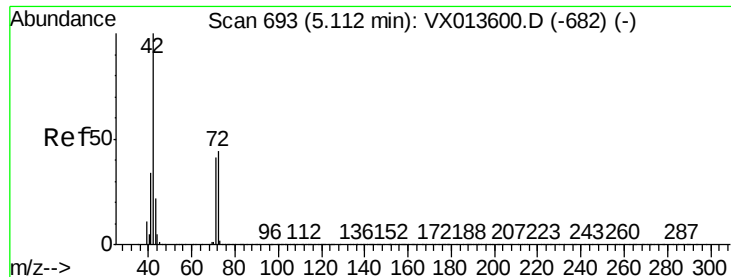


#28

Bromochloromethane
Concen: 20.545 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	95251		
129	3.0	0.0	5.0	
130	81.8	65.4	98.0	





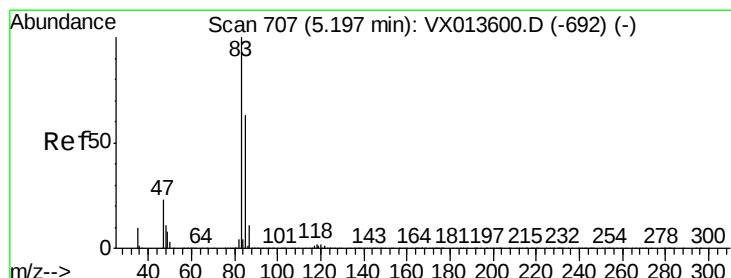
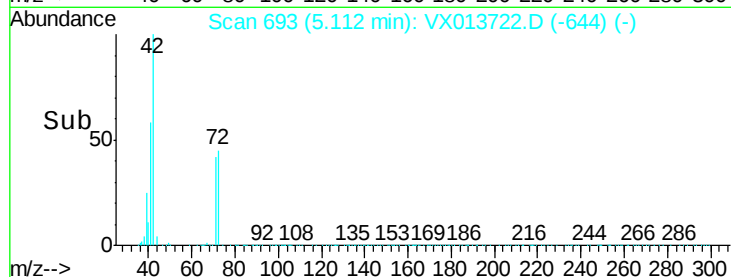
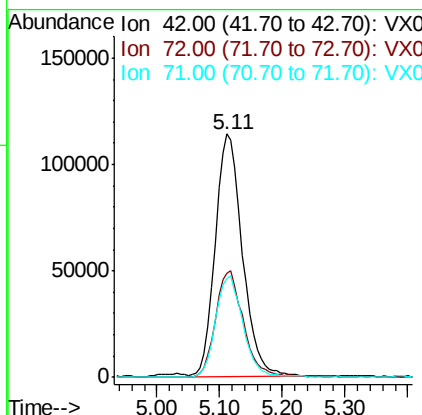
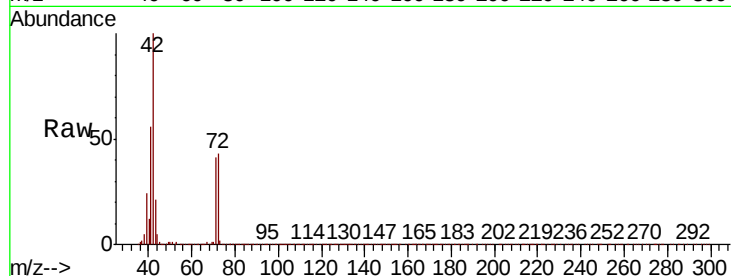
#29
Tetrahydrofuran
Concen: 100.991 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	36.3	54.5
71	42.4	33.2	49.8

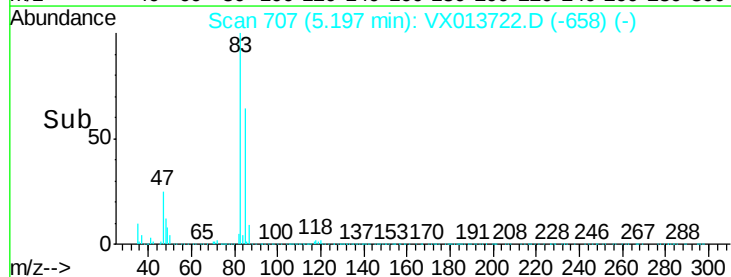
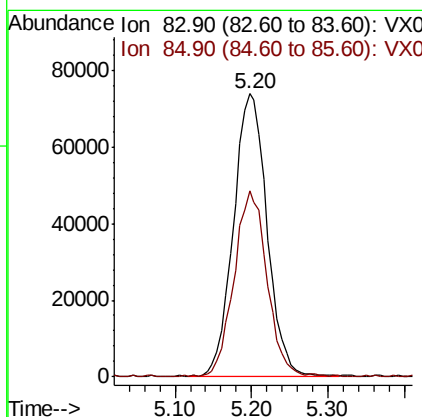
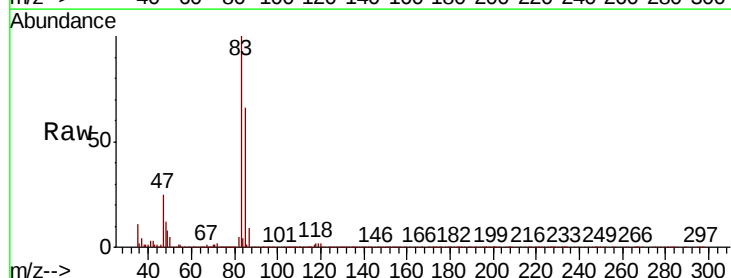
Manual Integrations
APPROVED

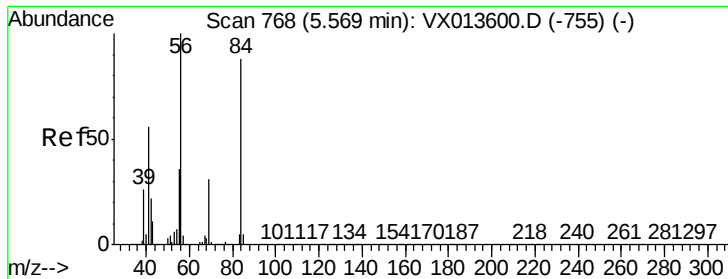
apatel
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#30
Chloroform
Concen: 18.711 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.2	75.4





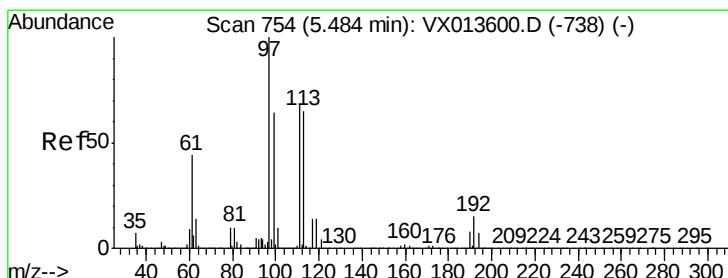
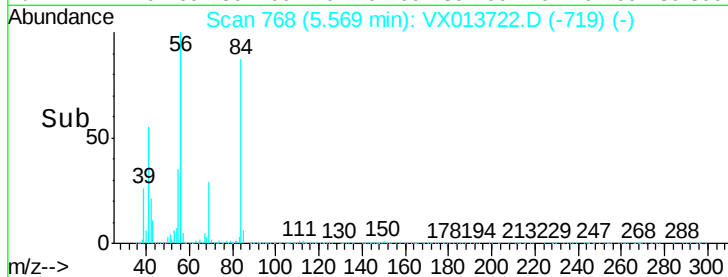
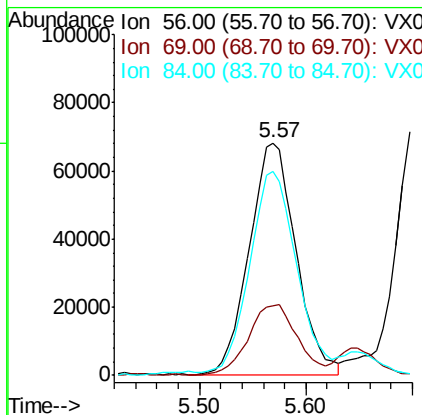
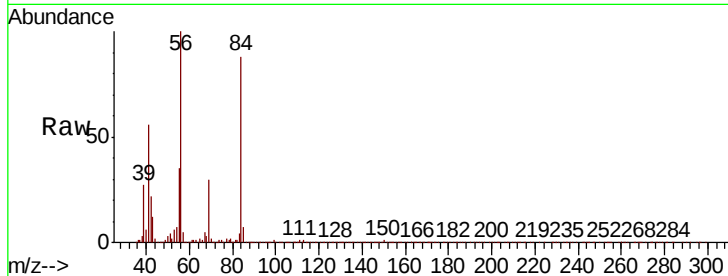
#31
Cyclohexane
Concen: 18.805 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.6	36.8
84	86.5	70.0	105.0

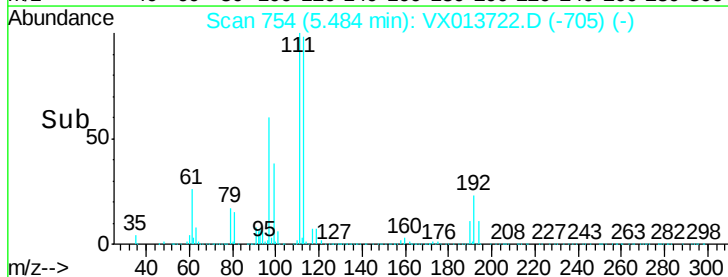
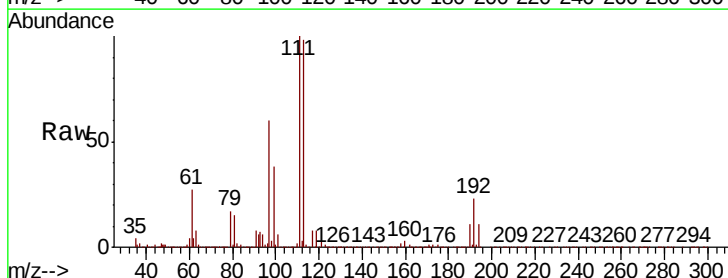
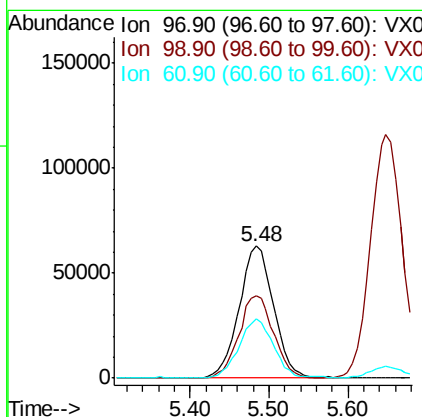
Manual Integrations
APPROVED

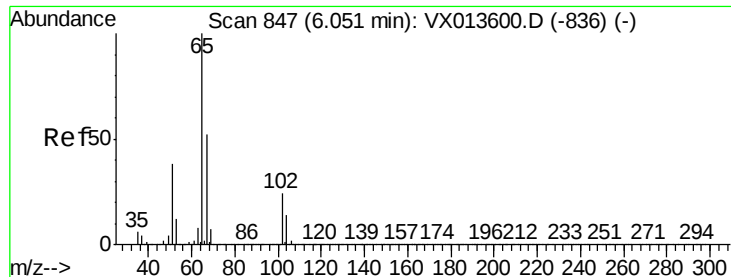
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#32
1,1,1-Trichloroethane
Concen: 19.141 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.6	77.4
61	44.2	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 46.930 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 65 Resp: 351431

Ion Ratio Lower Upper

65 100

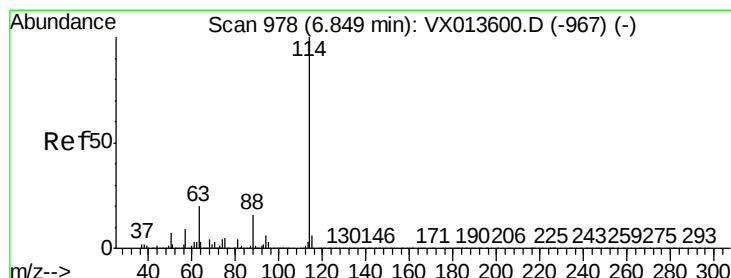
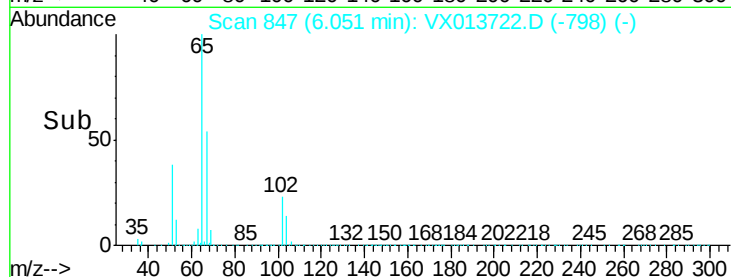
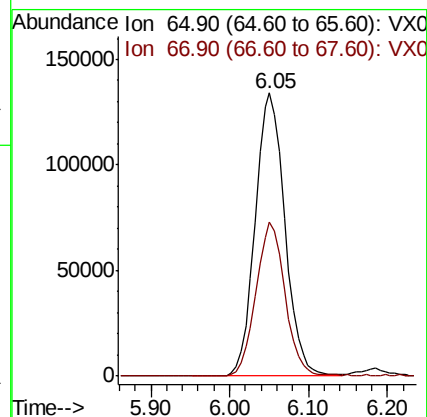
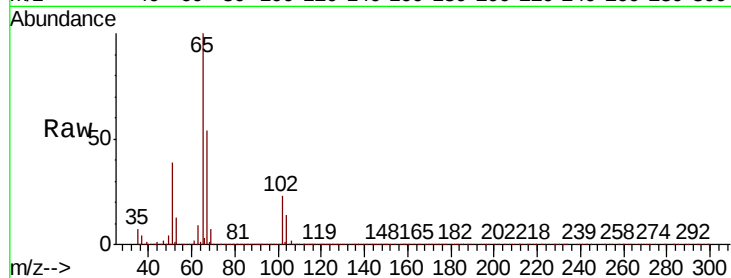
67 52.9 0.0 104.4

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: VX013722.D

Acq: 03 Dec 2019 14:14

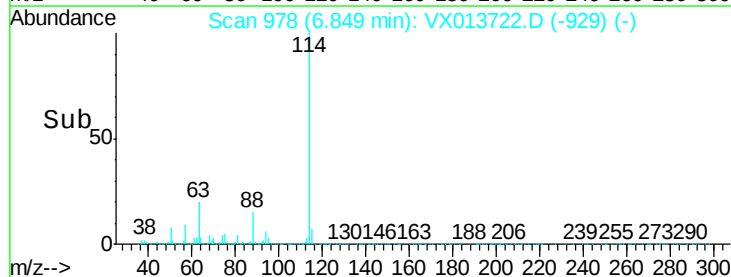
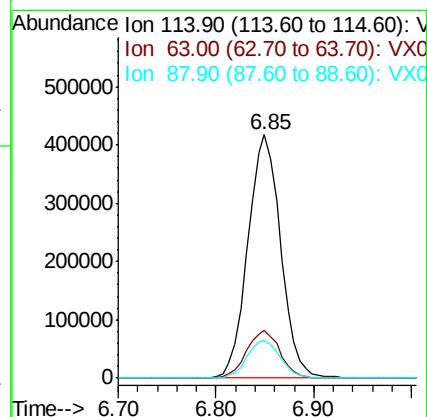
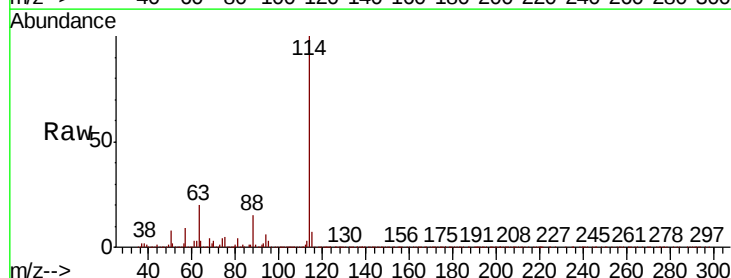
Tgt Ion: 114 Resp: 970367

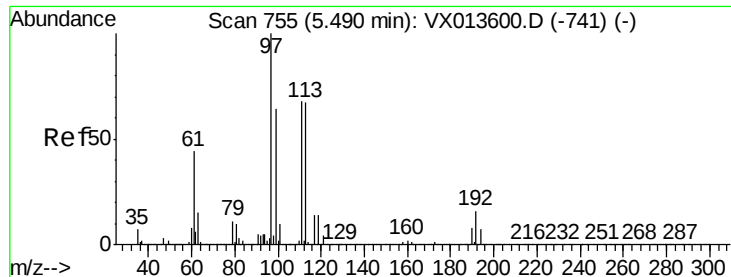
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.864 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

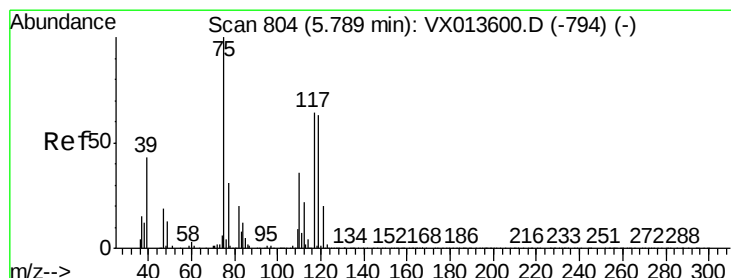
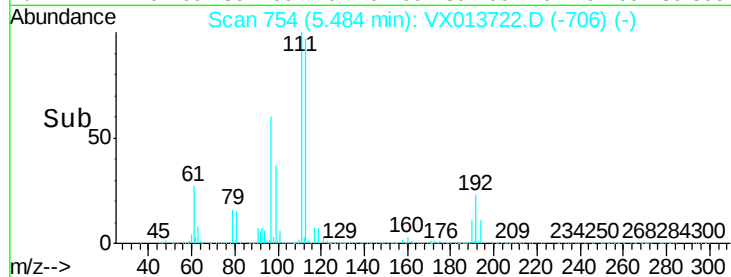
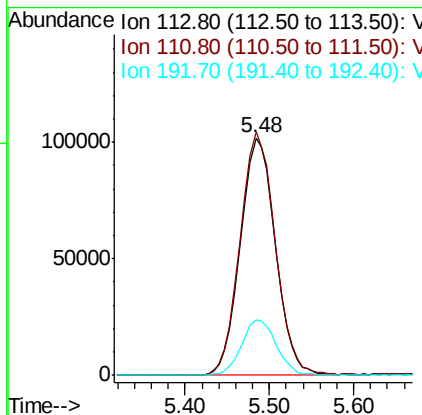
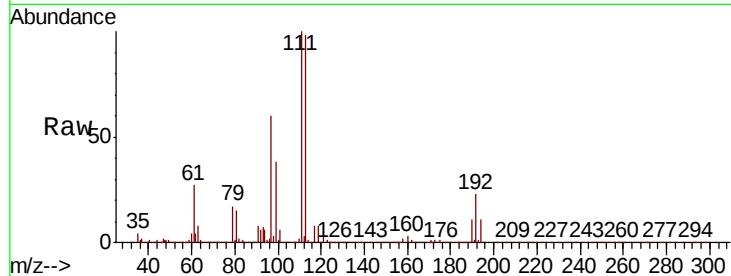
ClientSampleId :

VX1203MBS01

Tot Ion:	113	Resp:	287130
Ion Ratio	Lower	Upper	
113	100		
111	102.2	83.6	125.4
192	23.6	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.224 ug/l

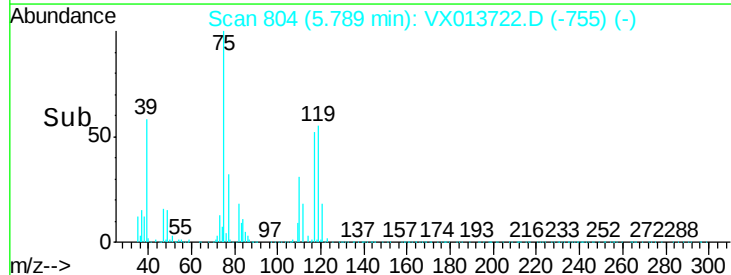
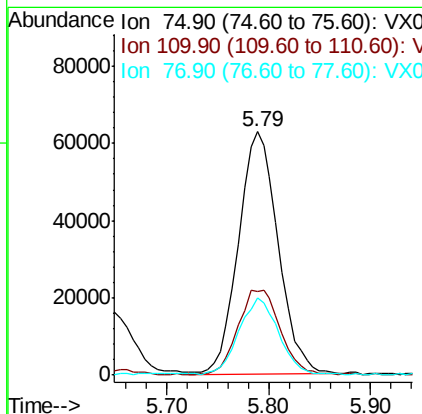
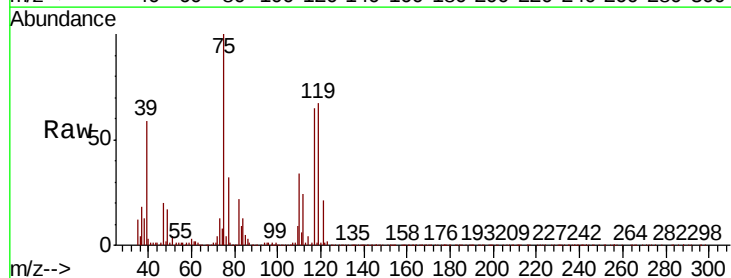
RT: 5.79 min Scan# 804

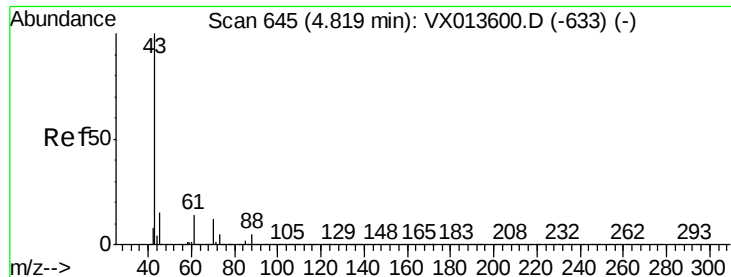
Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion:	75	Resp:	169332
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.1	54.1
77	31.1	24.5	36.7





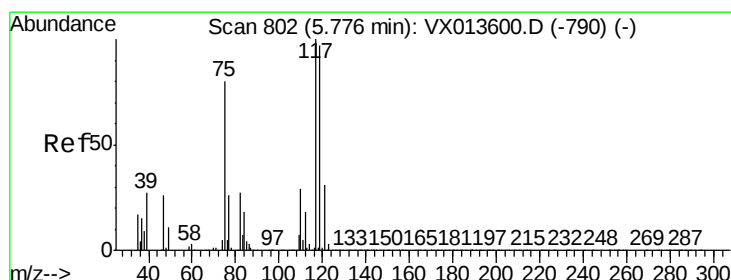
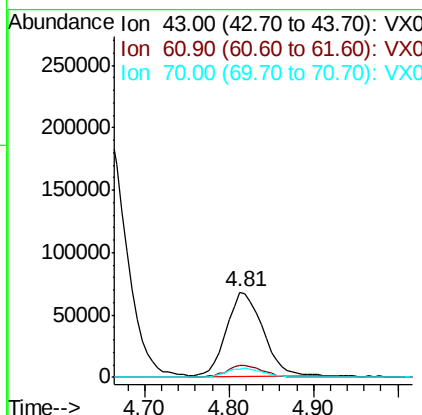
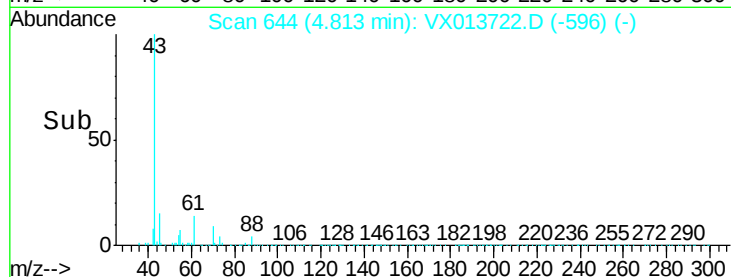
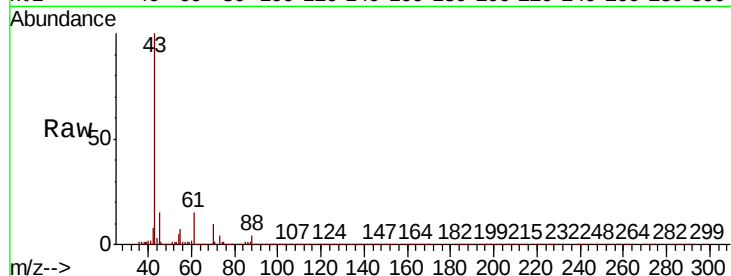
#37
Ethyl Acetate
Concen: 20.317 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampled :
VX1203MBS01

Tot Ion	43	Resp	200765
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.0	16.4
70	11.3	8.6	12.8

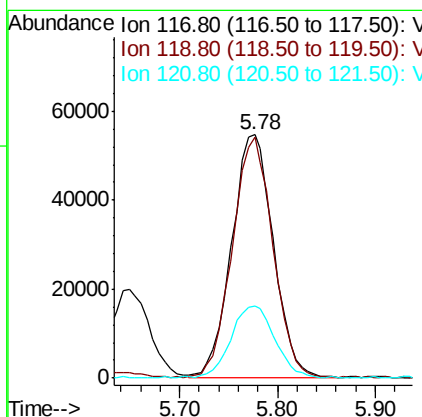
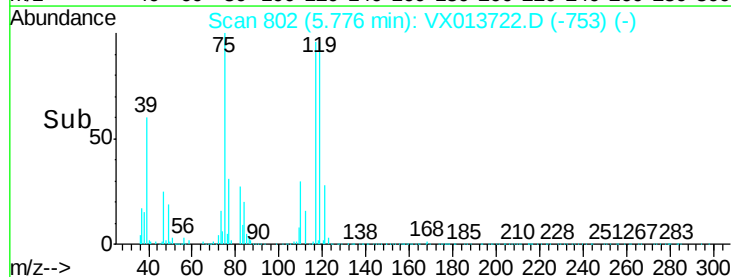
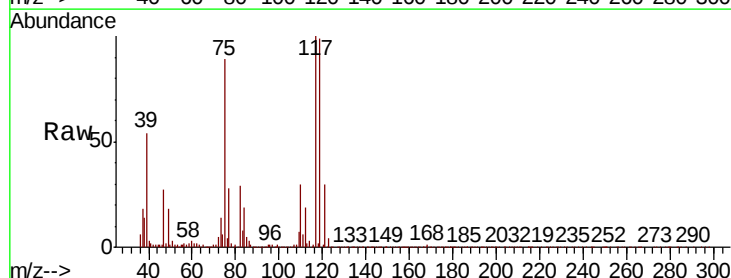
Manual Integrations
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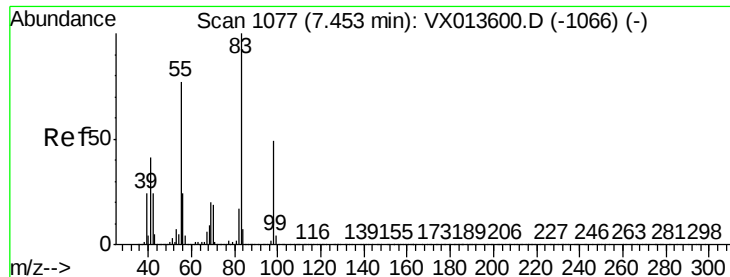
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#38
Carbon Tetrachloride
Concen: 19.778 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	117	Resp	160645
Ion Ratio	Lower	Upper	
117	100		
119	99.2	77.5	116.3
121	29.3	25.0	37.6





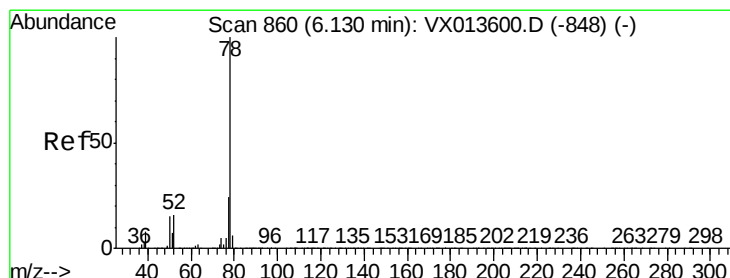
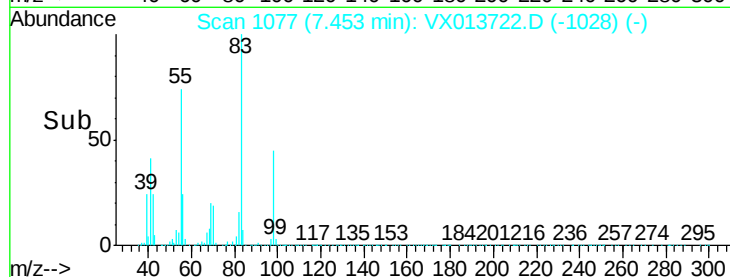
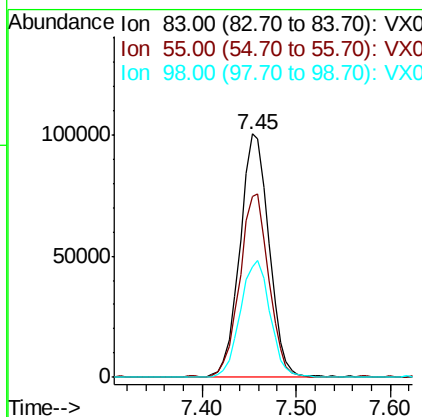
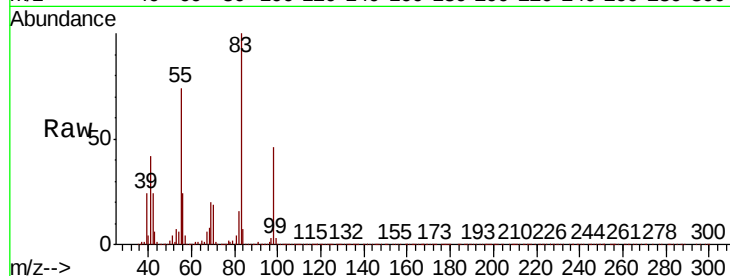
#39
Methvlcvclohexane
Concen: 19.759 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	215136		
55	73.9	61.9	92.9	
98	45.4	39.4	59.0	

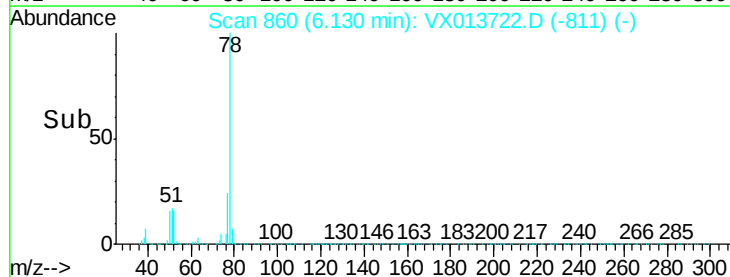
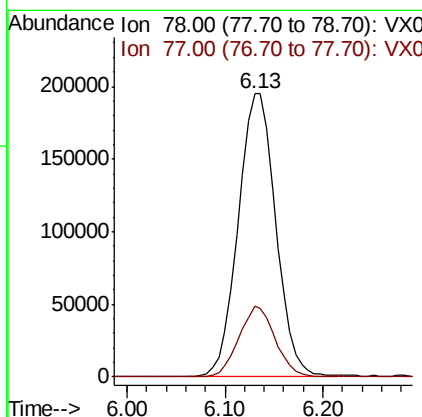
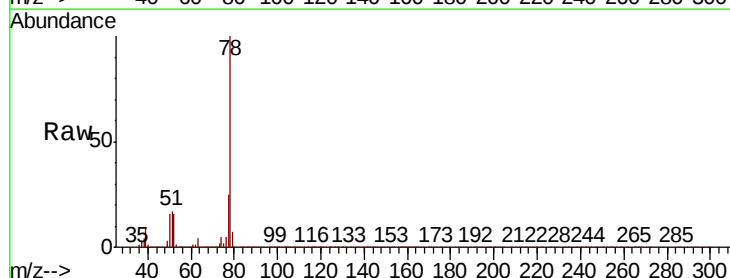
Manual Integrations
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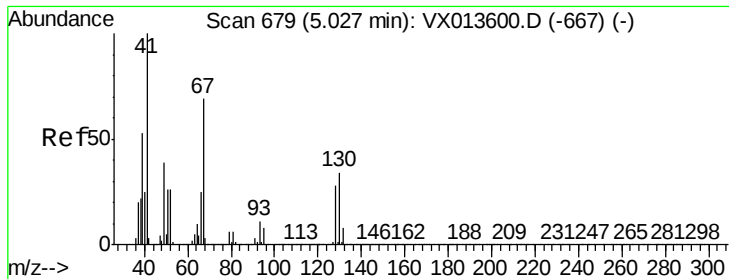
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#40
Benzene
Concen: 19.423 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	521074		
77	24.9	19.0	28.4	





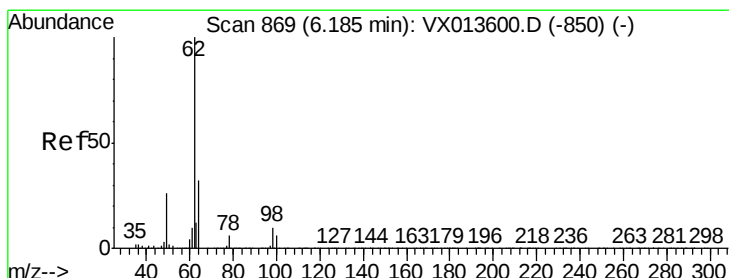
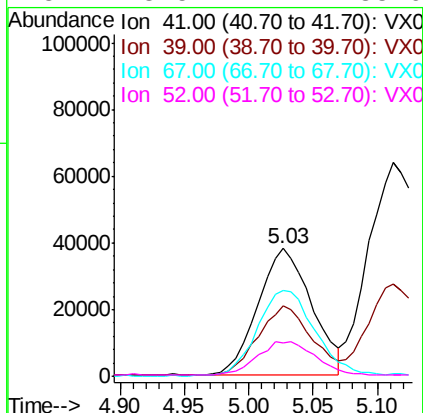
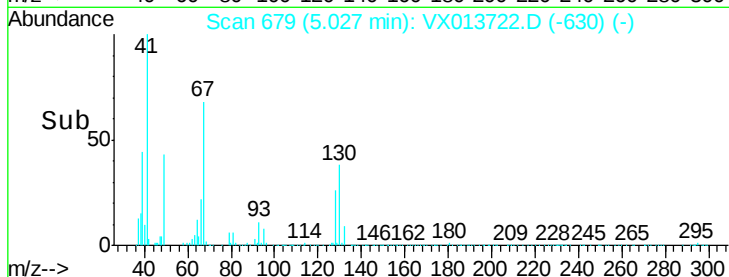
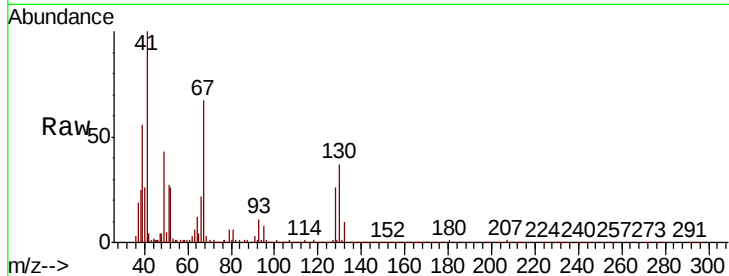
#41
Methacrylonitrile
Concen: 20.309 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	42.9	64.3	
67	72.3	57.4	86.0	
52	28.5	22.4	33.6	

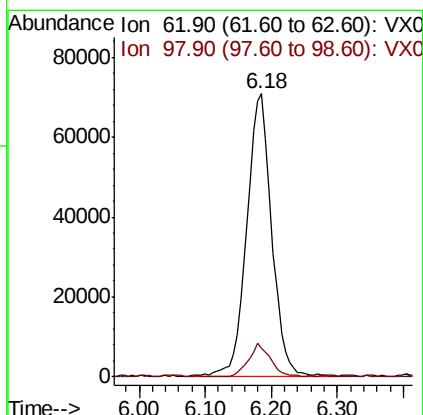
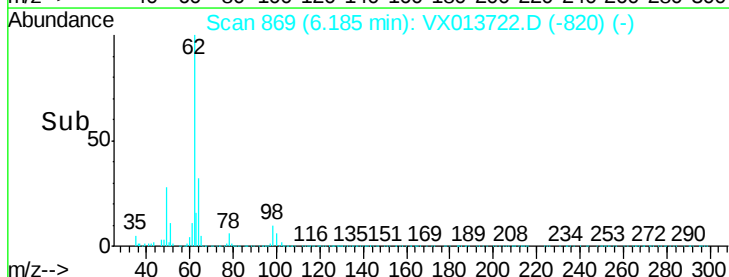
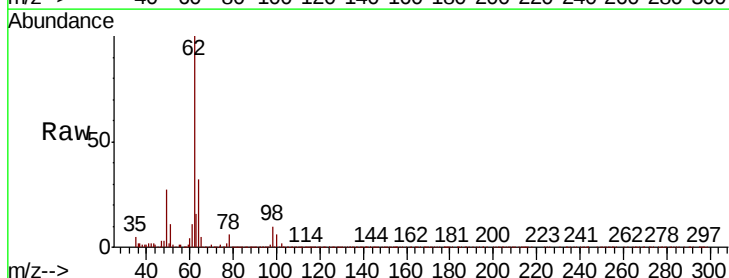
Manual Integrations
APPROVED

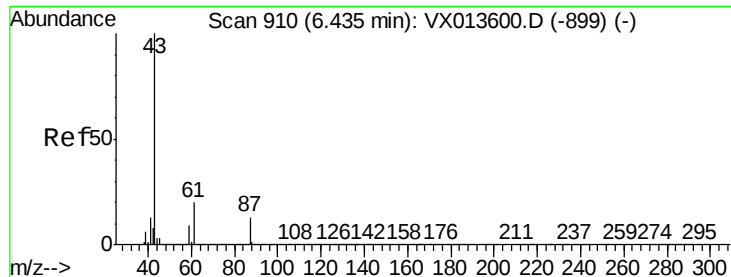
apatel
12/4/2019 1:52:10 PM



#42
1,2-Dichloroethane
Concen: 20.216 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

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





#43

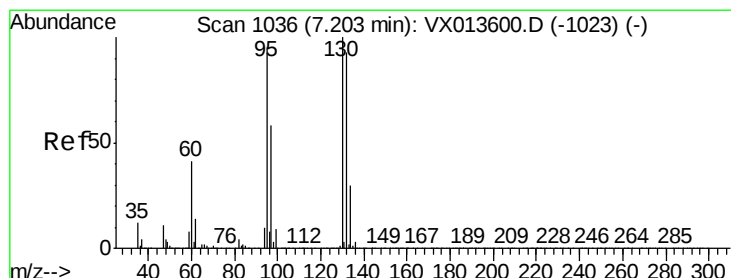
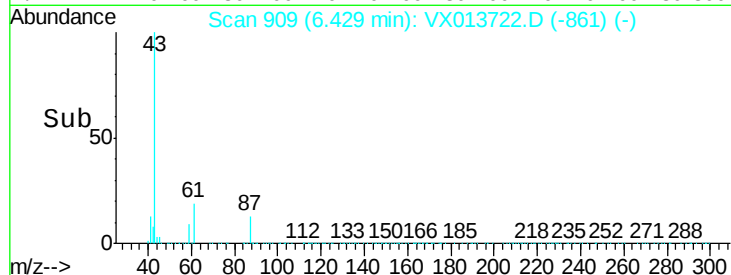
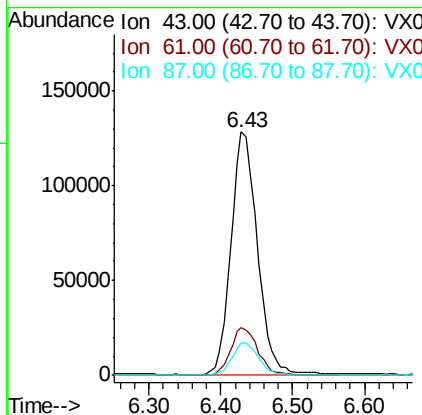
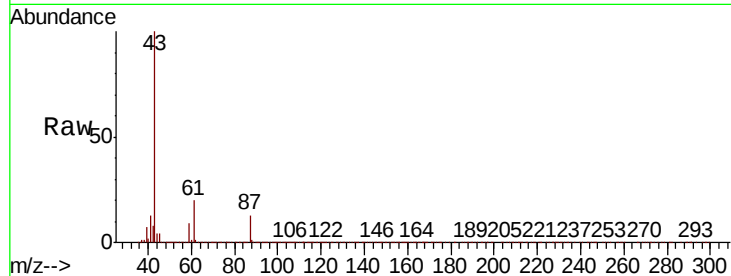
Isopropyl Acetate
 Concen: 20.045 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.3	24.5
87	13.4	10.8	16.2

Manual Integrations
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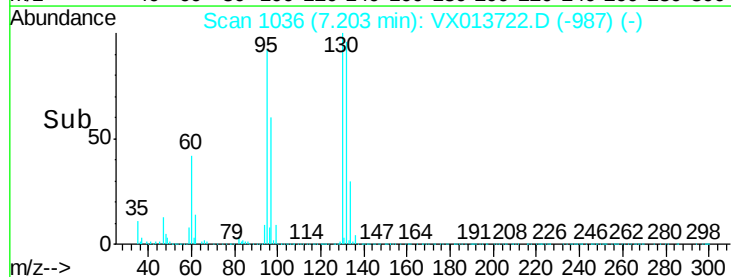
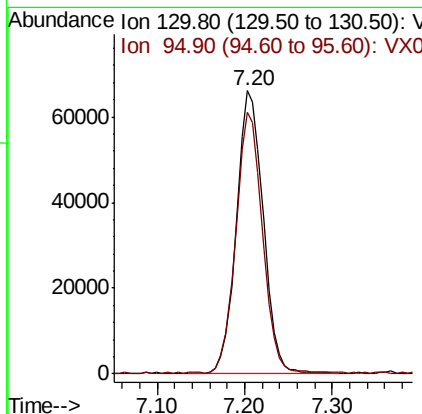
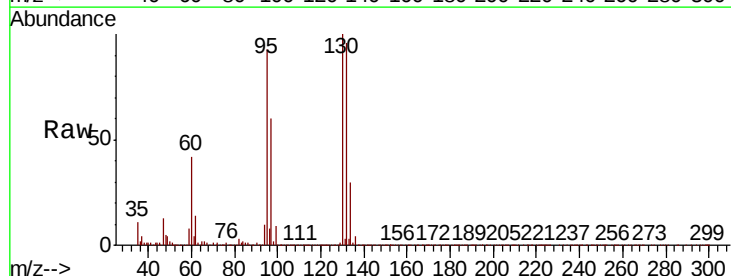
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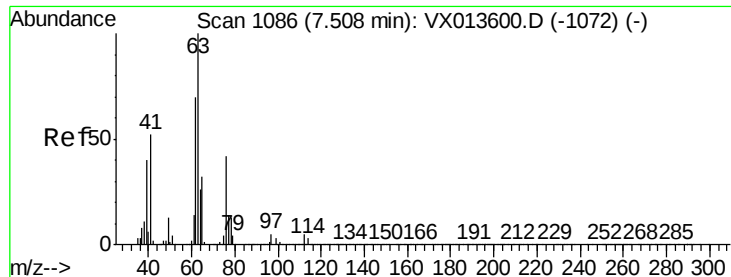


#44

Trichloroethene
 Concen: 19.140 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.311 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 63 Resp: 136333

Ion Ratio Lower Upper

63 100

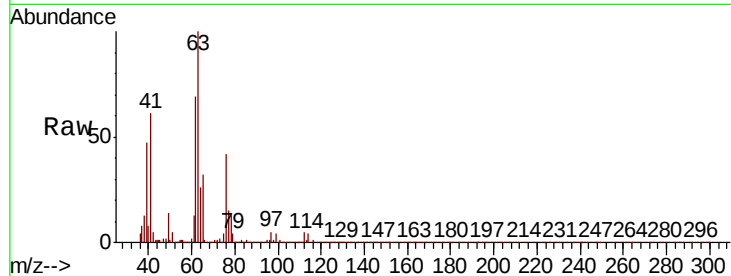
65 31.9 25.5 38.3

Manual Integrations

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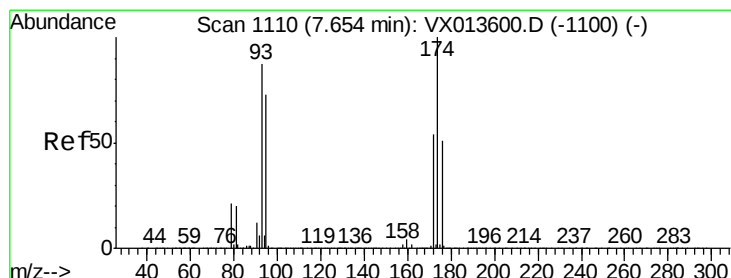
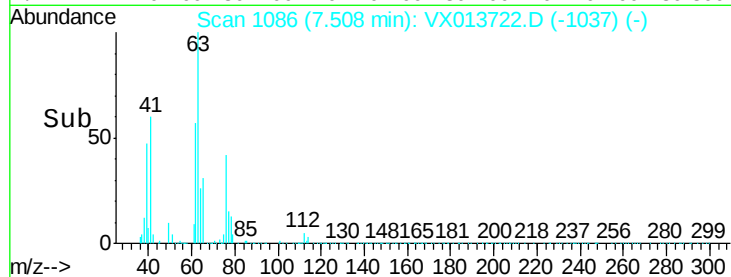
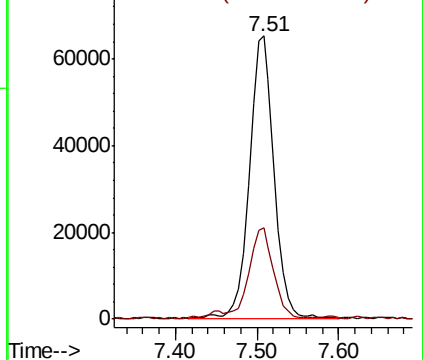
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.698 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

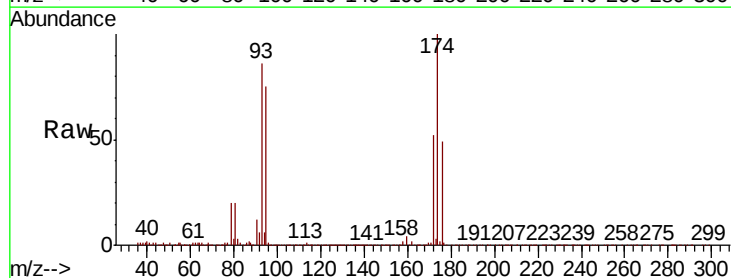
Tgt Ion: 93 Resp: 89799

Ion Ratio Lower Upper

93 100

95 85.1 66.2 99.2

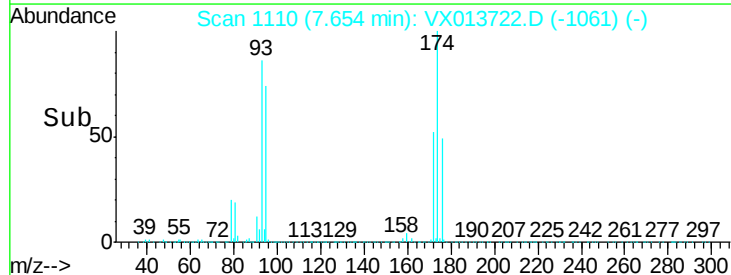
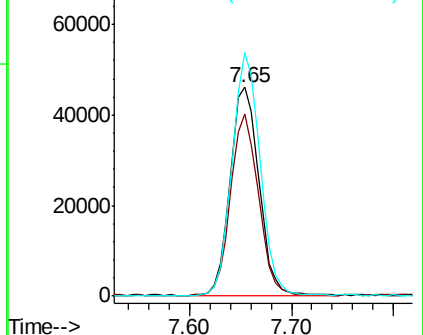
174 113.4 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.199 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

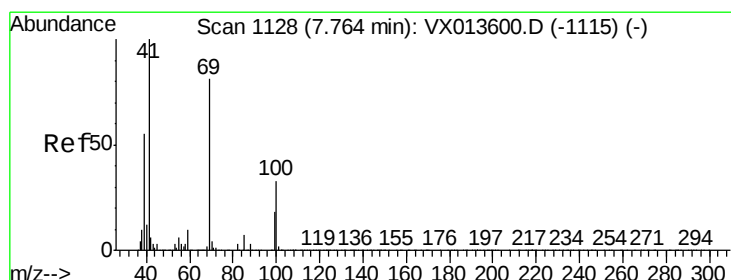
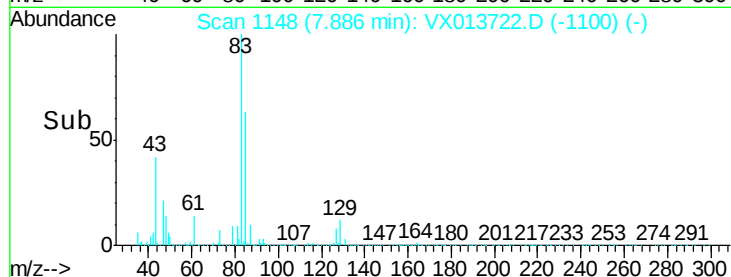
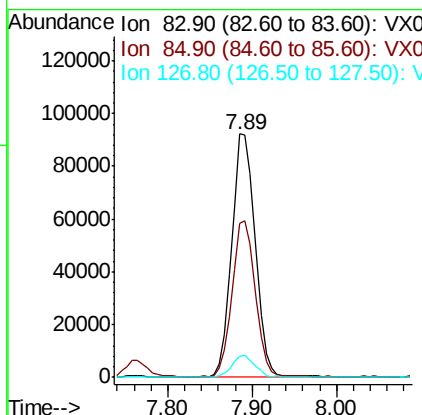
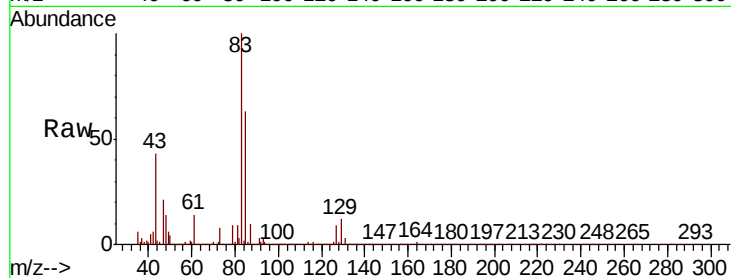
ClientSampleId :

VX1203MBS01

Tot Ion:	83	Resp:	174078
Ion Ratio	Lower	Upper	
83	100		
85	62.9	52.1	78.1
127	8.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.556 ug/l

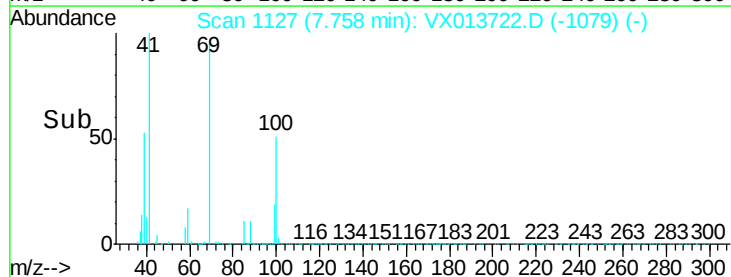
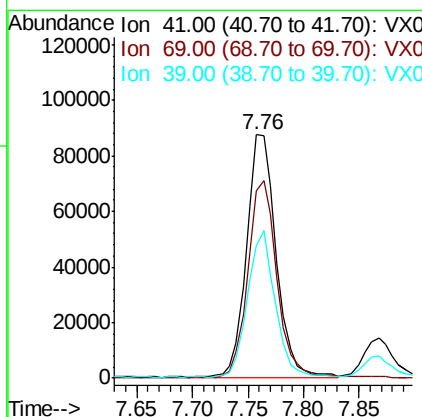
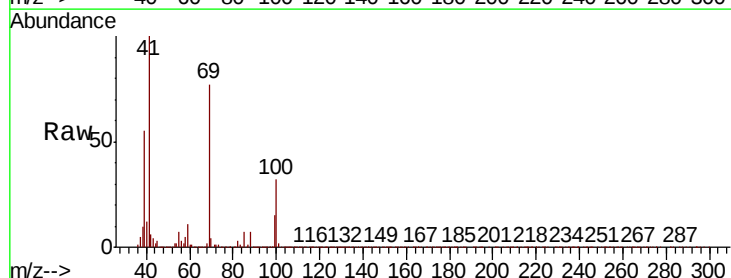
RT: 7.76 min Scan# 1127

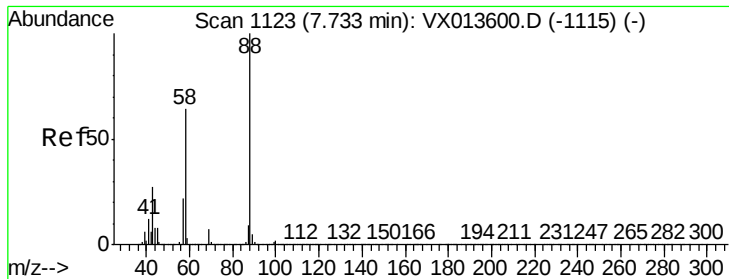
Delta R.T. -0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion:	41	Resp:	162486
Ion Ratio	Lower	Upper	
41	100		
69	79.3	64.7	97.1
39	56.1	43.8	65.6





#49

1,4-Dioxane

Concen: 373.333 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

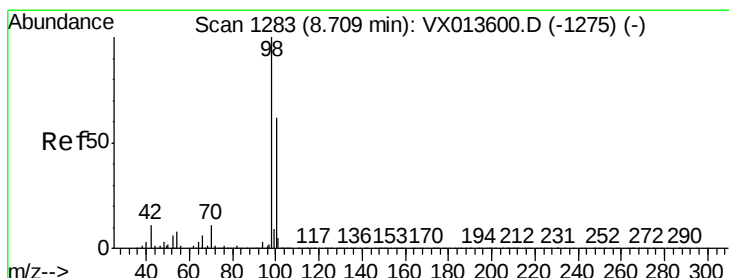
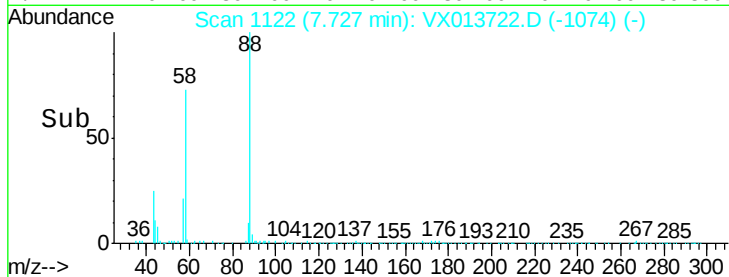
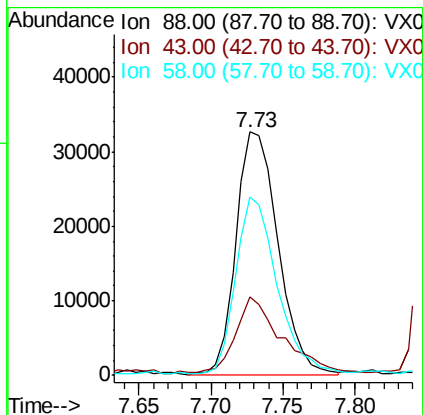
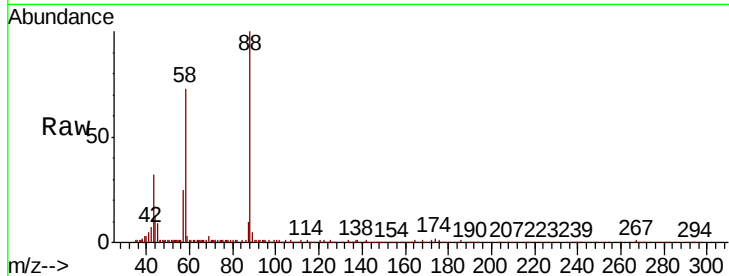
ClientSampleId :

VX1203MBS01

Tot Ion:	88	Resp:	66055
Ion Ratio		Lower	Upper
88	100		
43	33.6	25.8	38.6
58	71.5	54.6	82.0

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#50

Toluene-d8

Concen: 47.108 ug/l

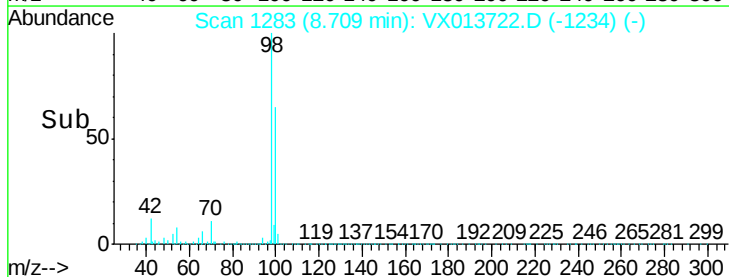
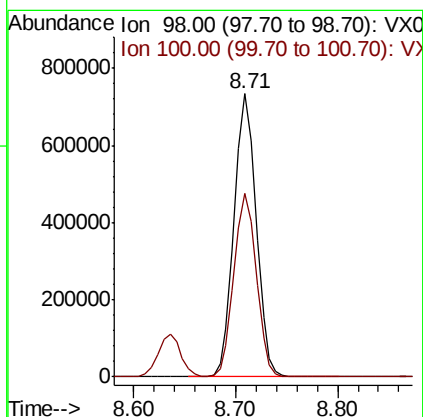
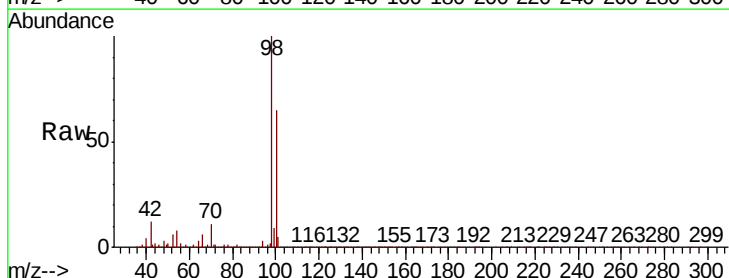
RT: 8.71 min Scan# 1283

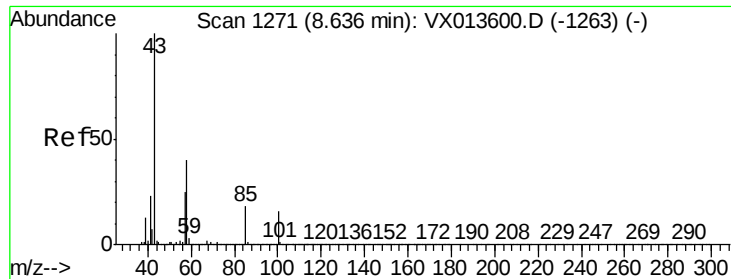
Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion:	98	Resp:	1101043
Ion Ratio		Lower	Upper
98	100		
100	65.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 101.524 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 43 Resp: 1038928

Ion Ratio Lower Upper

43 100

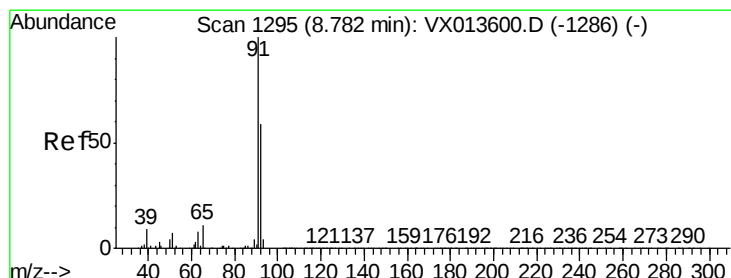
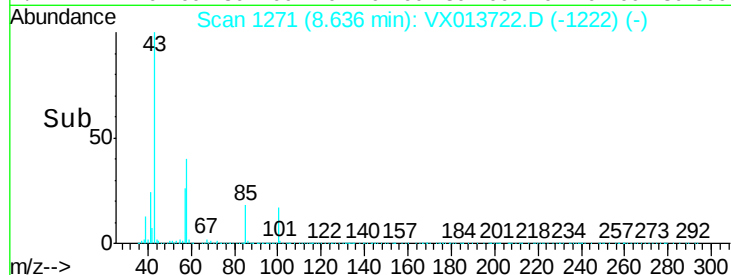
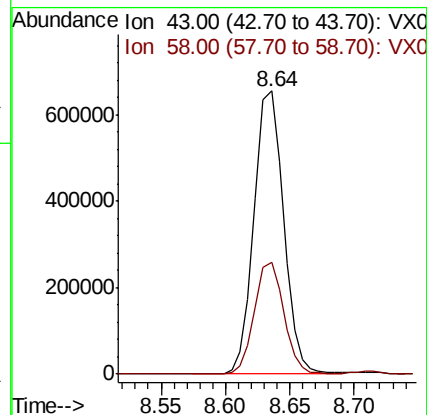
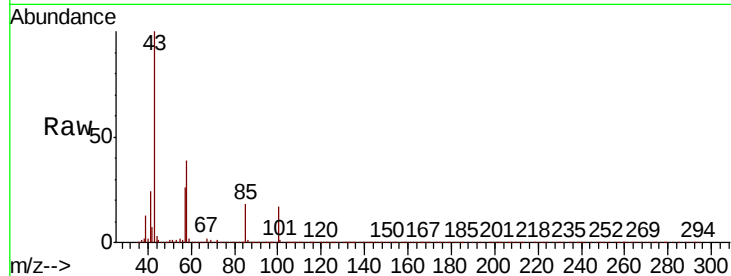
58 39.3 32.1 48.1

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#52

Toluene

Concen: 19.589 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013722.D

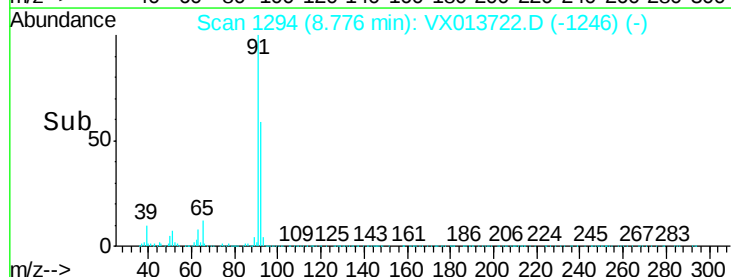
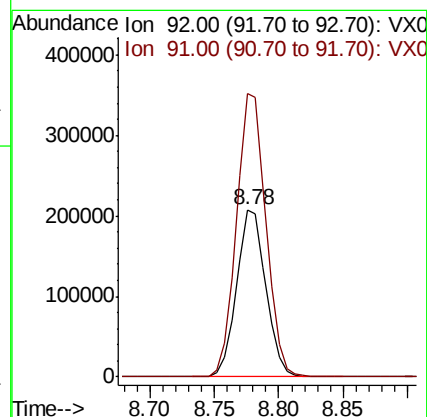
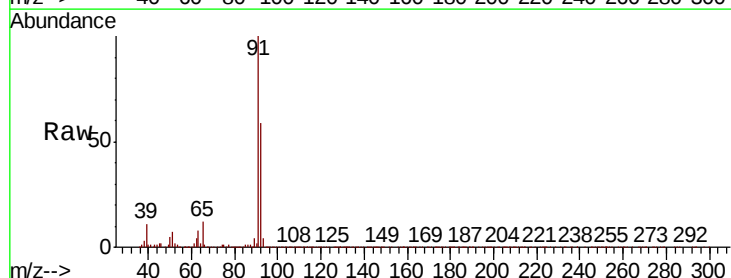
Acq: 03 Dec 2019 14:14

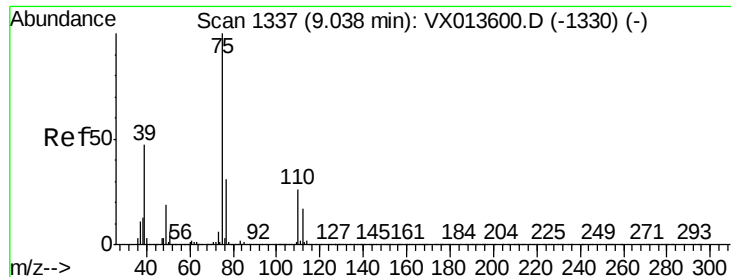
Tgt Ion: 92 Resp: 326481

Ion Ratio Lower Upper

92 100

91 171.5 136.2 204.2





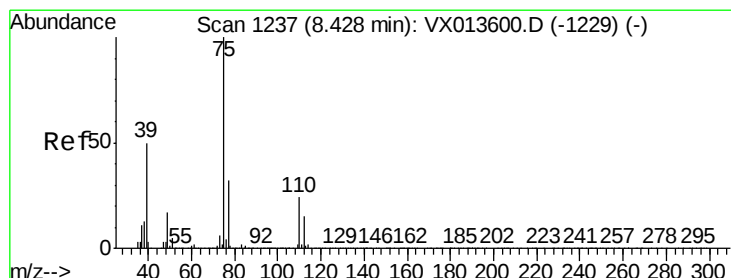
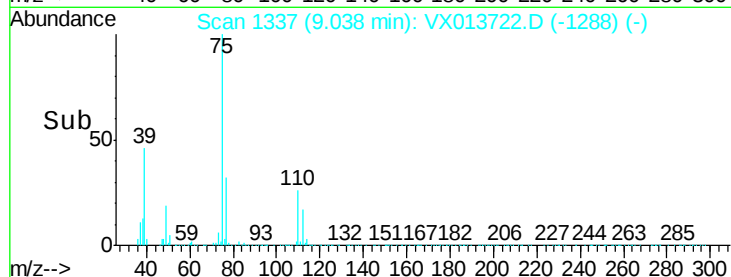
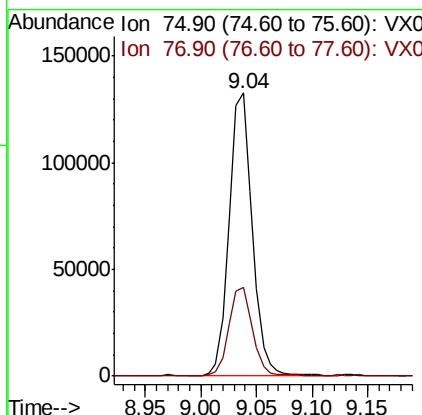
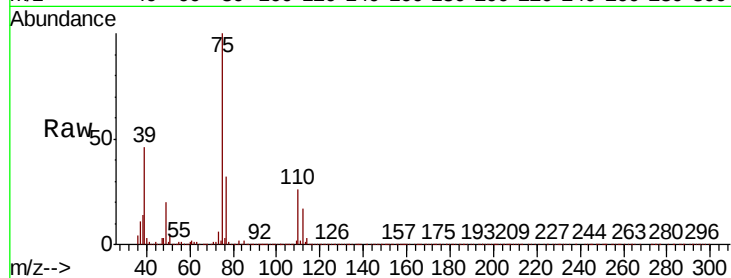
#53
t-1,3-Dichloropropene
Concen: 19.475 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampled :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.4	36.6

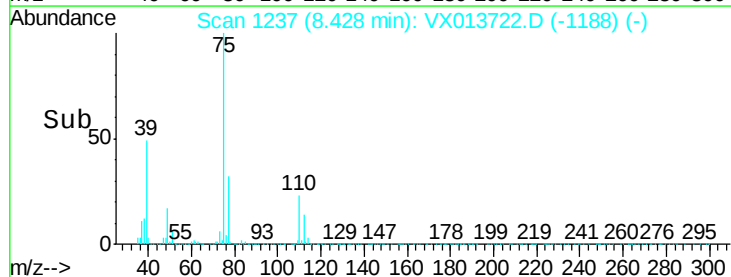
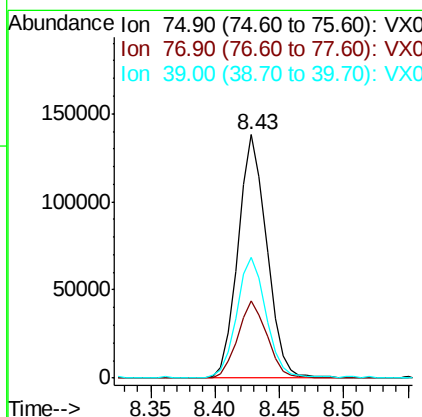
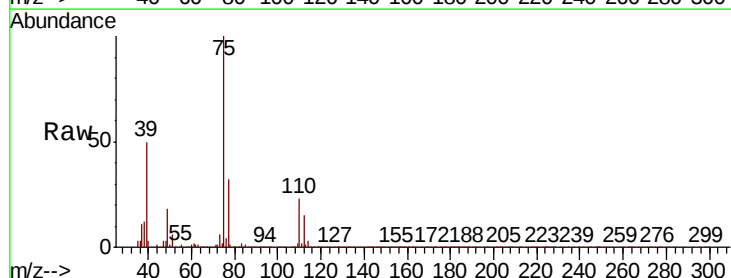
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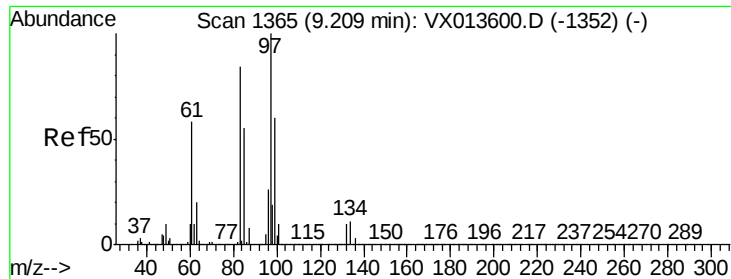
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#54
cis-1,3-Dichloropropene
Concen: 19.846 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6
39	49.7	39.9	59.9





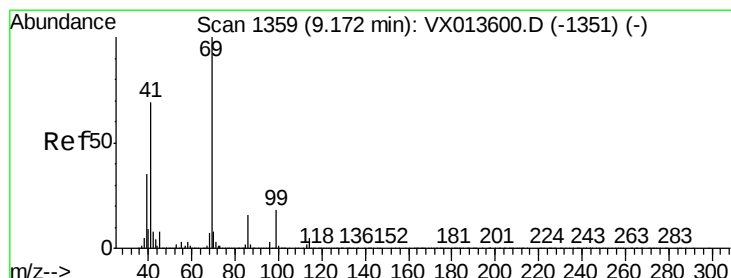
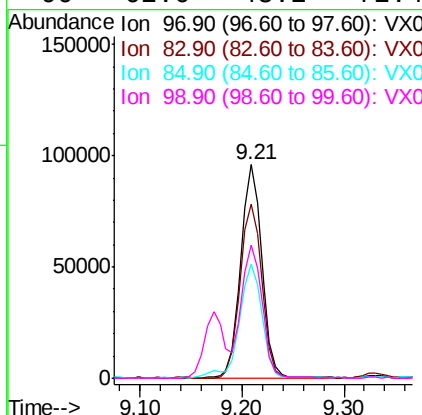
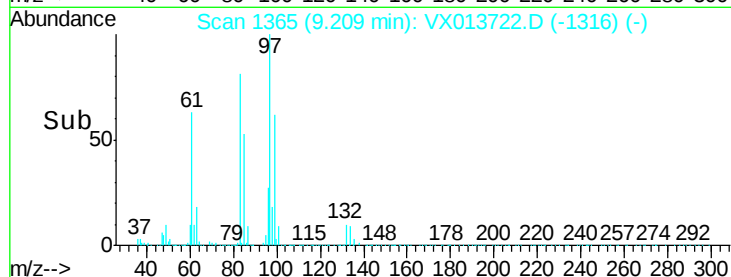
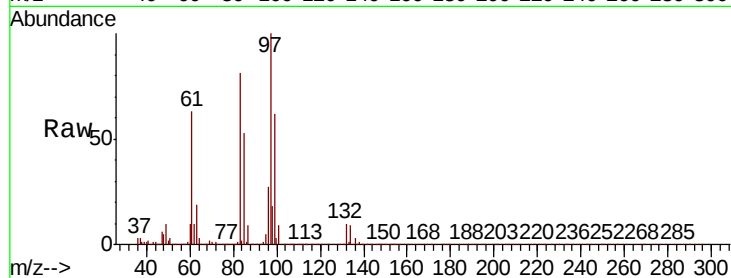
#55
 1,1,2-Trichloroethane
 Concen: 20.424 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	81.3	67.3	100.9		
85	53.2	43.6	65.4		
99	62.0	48.2	72.4		

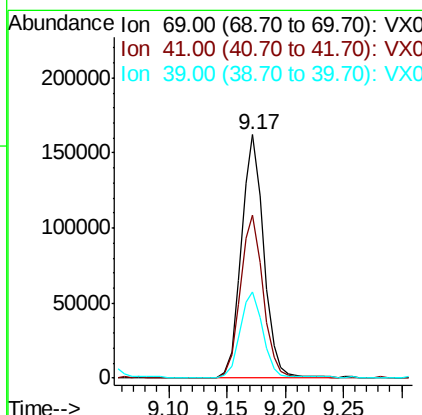
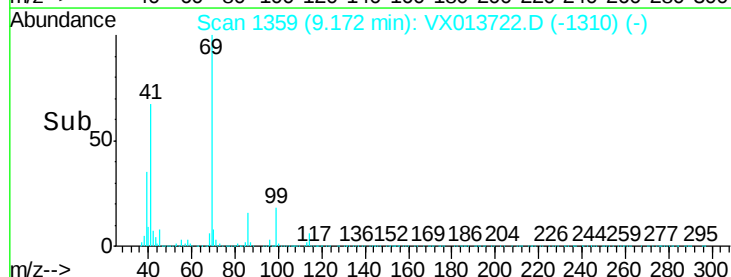
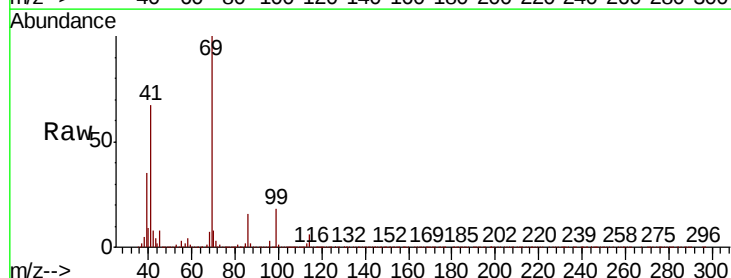
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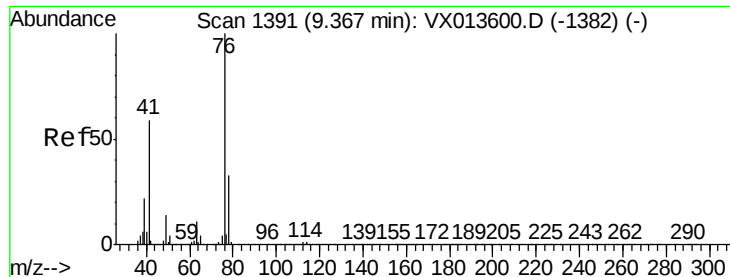
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#56
 Ethyl methacrylate
 Concen: 20.202 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	68.2	55.0	82.4		
39	35.9	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 19.720 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 76 Resp: 228296

Ion Ratio Lower Upper

76 100

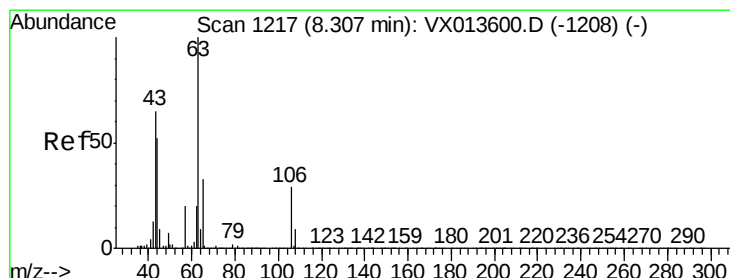
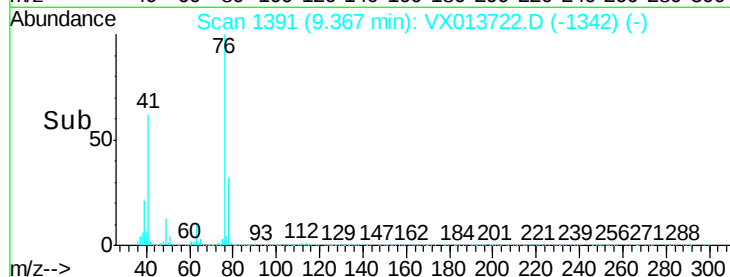
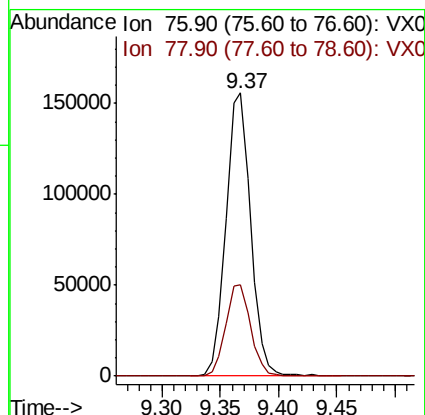
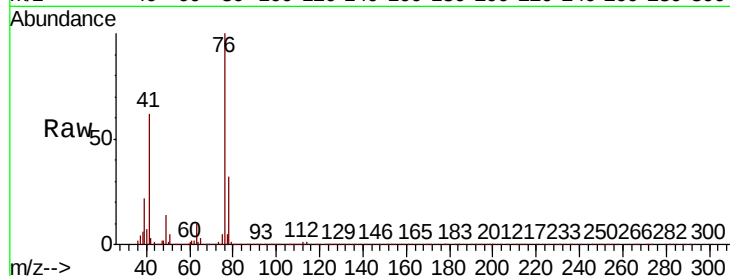
78 32.6 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 95.914 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013722.D

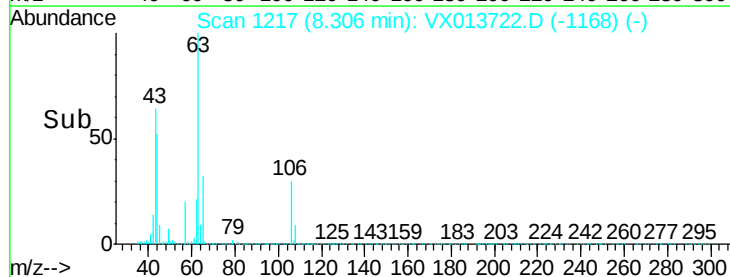
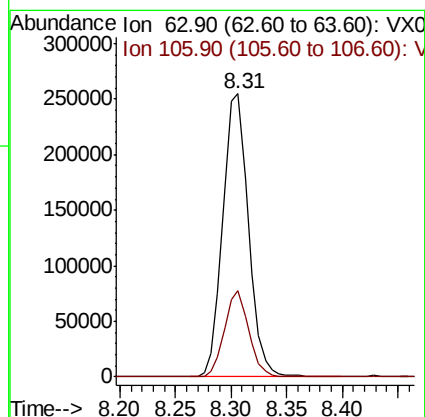
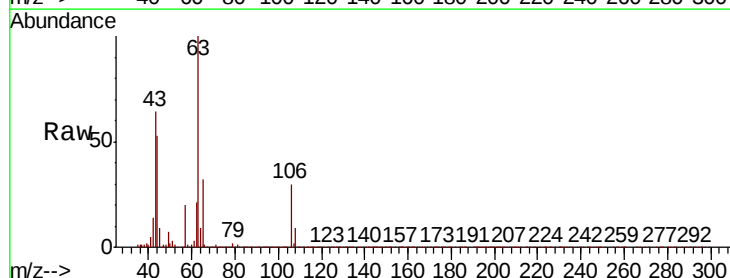
Acq: 03 Dec 2019 14:14

Tgt Ion: 63 Resp: 406067

Ion Ratio Lower Upper

63 100

106 28.8 23.4 35.0





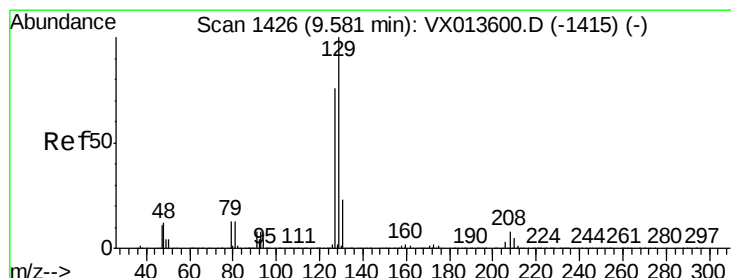
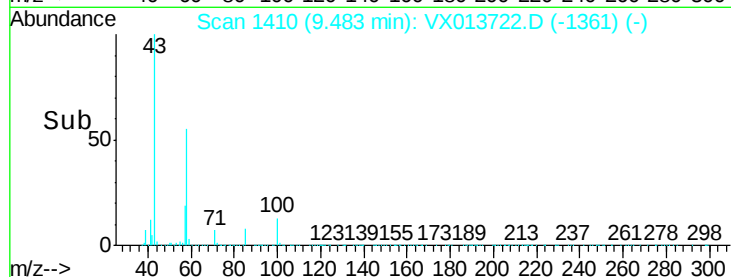
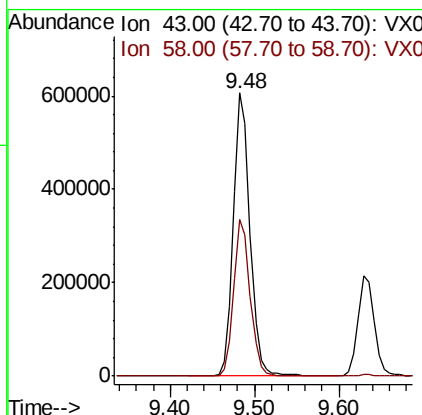
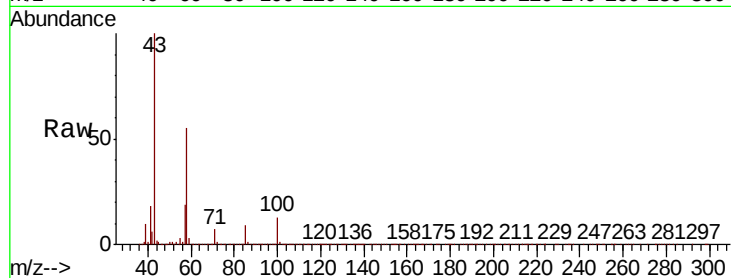
#59
2-Hexanone
Concen: 101.762 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion: 43 Resp: 812186
Ion Ratio Lower Upper
43 100
58 54.7 28.1 84.4

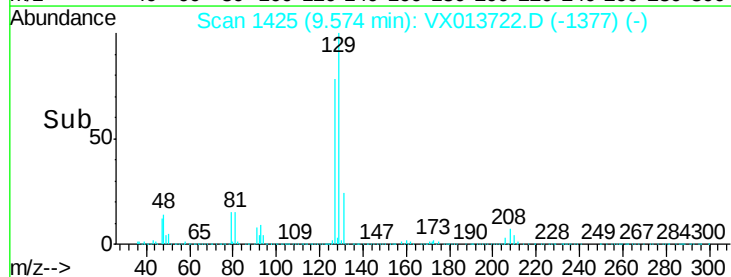
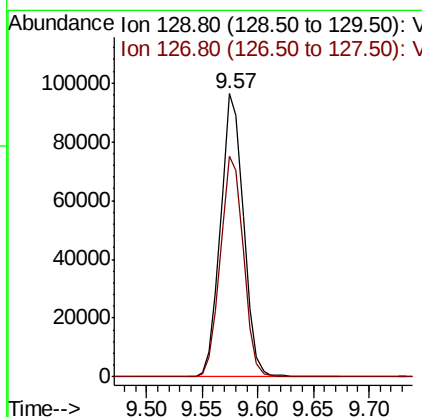
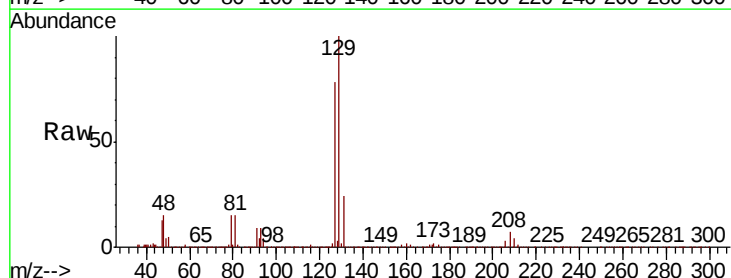
Manual Integrations
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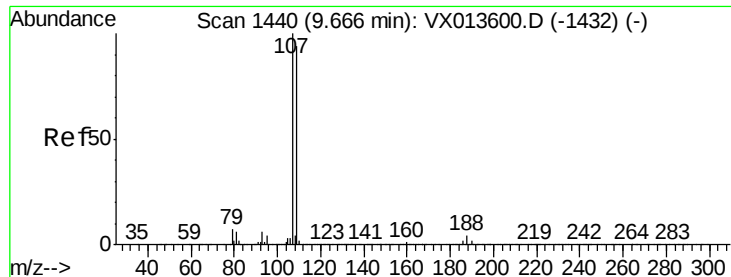
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#60
Dibromochloromethane
Concen: 19.721 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion: 129 Resp: 137460
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.384 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 107 Resp: 139043

Ion Ratio Lower Upper

107 100

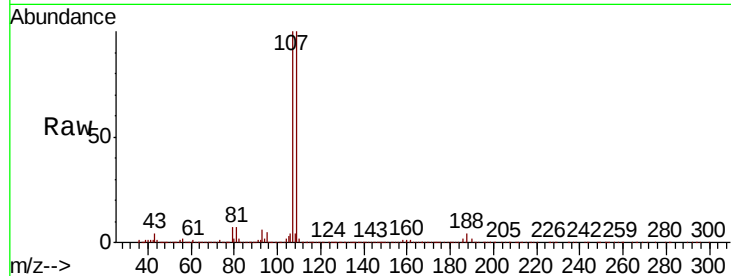
109 97.3 76.1 114.1

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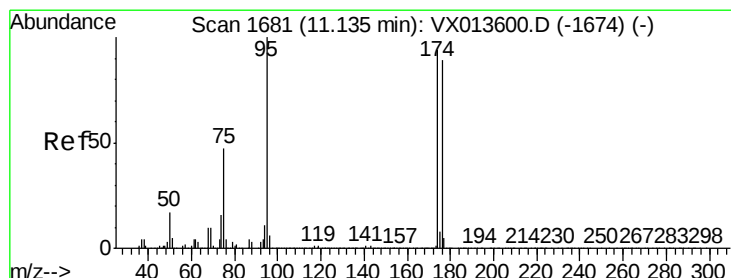
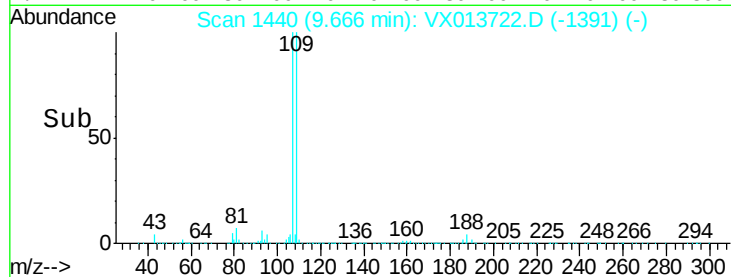
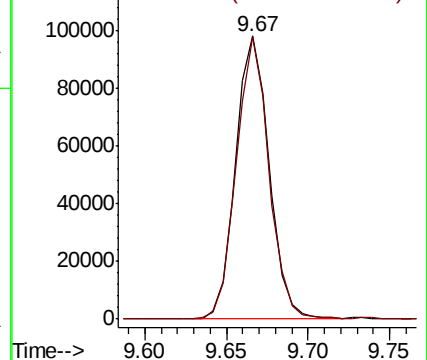
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.879 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

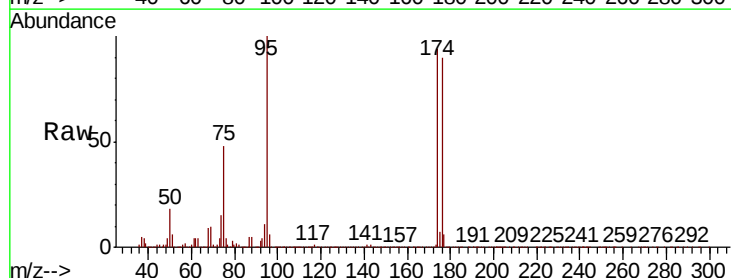
Tgt Ion: 95 Resp: 395107

Ion Ratio Lower Upper

95 100

174 89.4 0.0 180.0

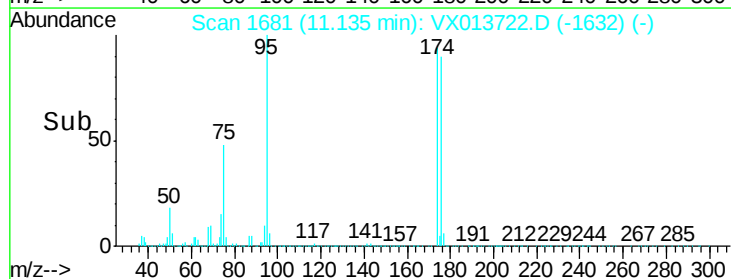
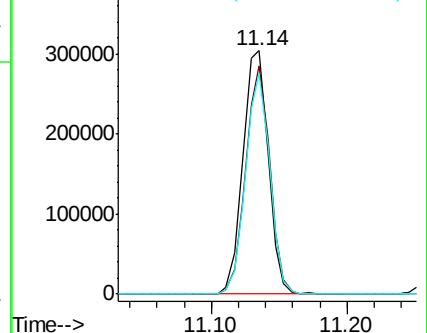
176 86.6 0.0 173.6

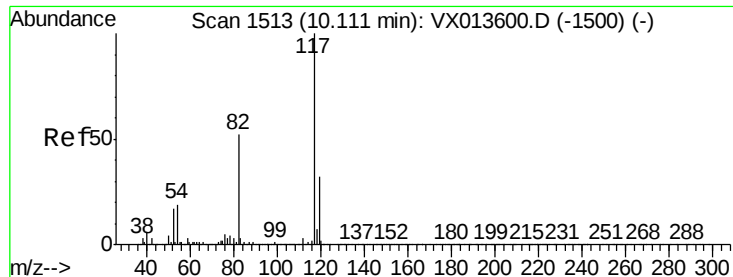


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





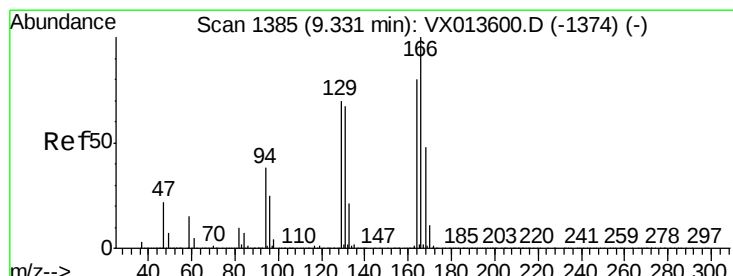
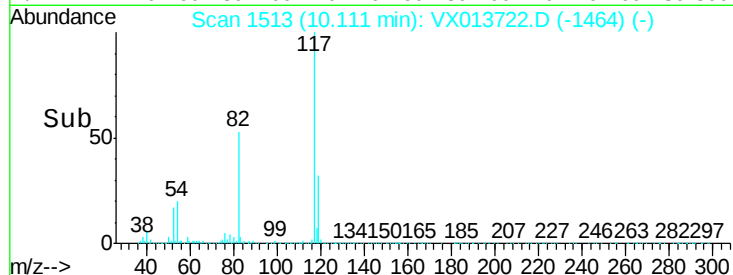
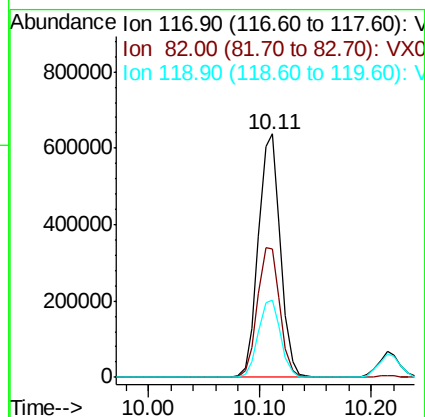
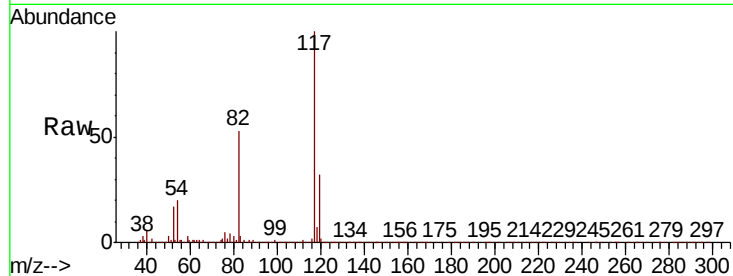
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	878145		
82	52.8		41.8	62.8
119	31.6		25.8	38.8

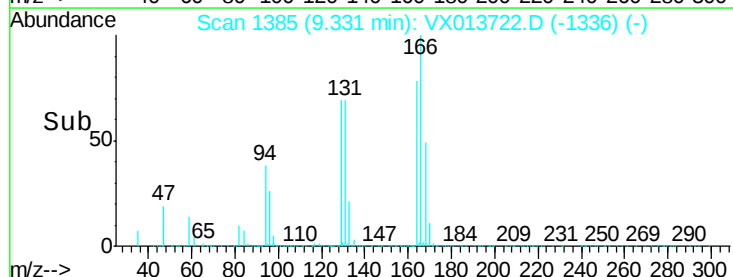
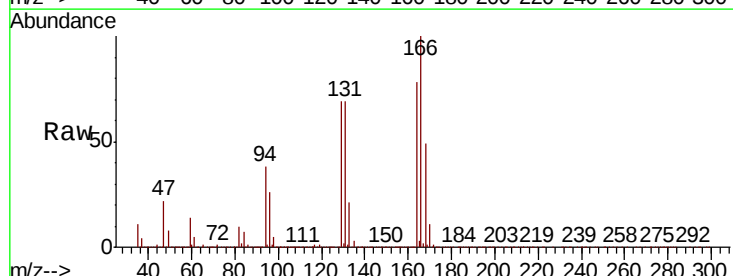
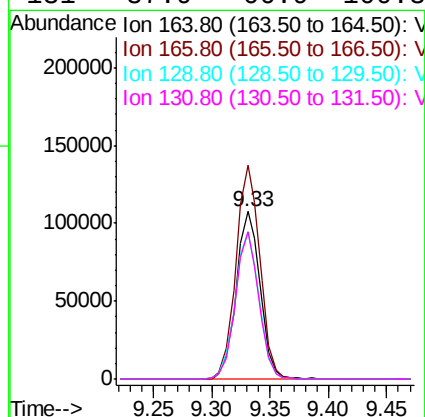
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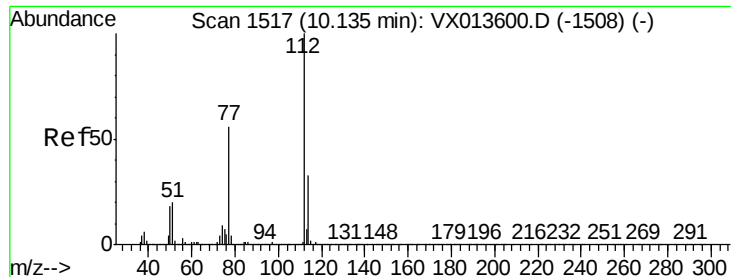
apatel
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#64
Tetrachloroethene
Concen: 23.682 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	155085		
166	127.3		99.7	149.5
129	87.9		70.1	105.1
131	87.9		66.9	100.3





#65

Chlorobenzene

Concen: 19.508 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion:112 Resp: 355668

Ion Ratio Lower Upper

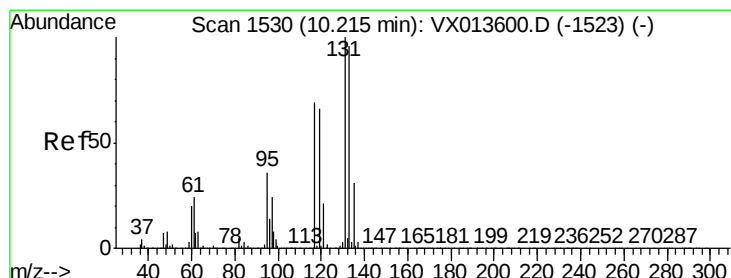
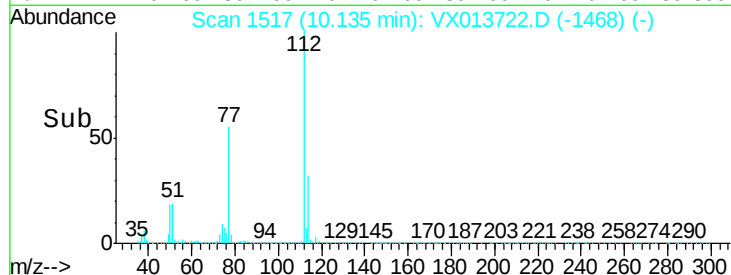
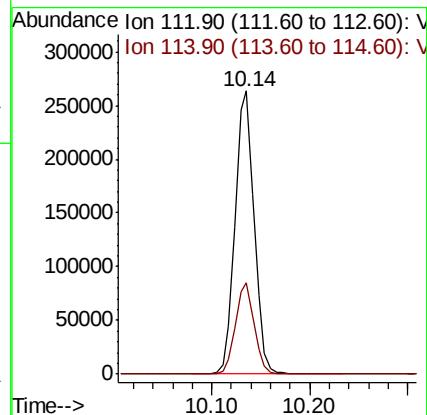
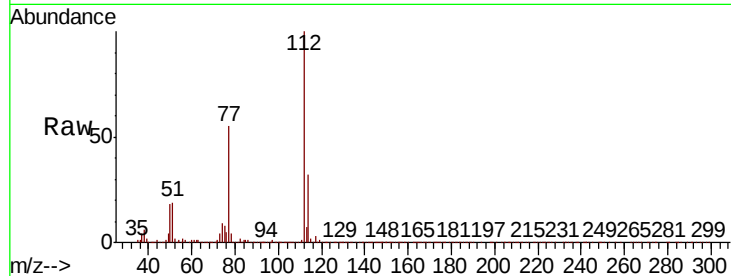
112 100

114 32.2 26.1 39.1

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.722 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

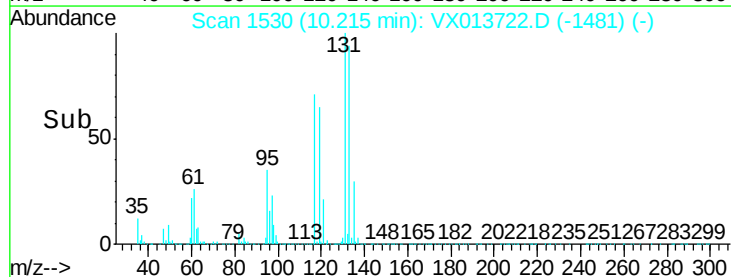
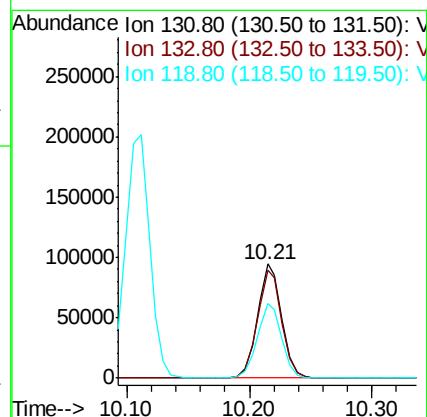
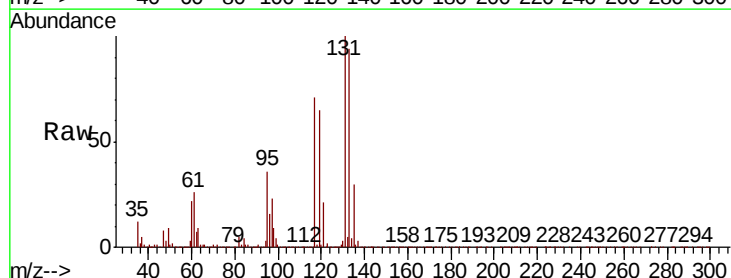
Tgt Ion:131 Resp: 129117

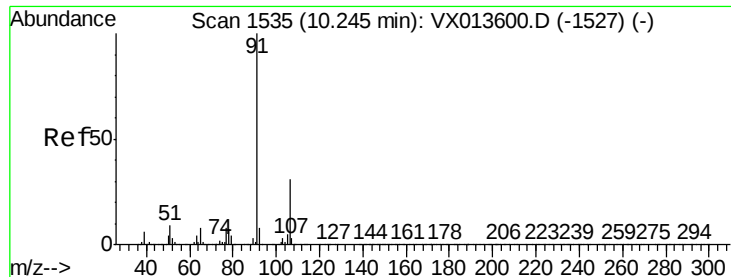
Ion Ratio Lower Upper

131 100

133 96.2 47.7 143.1

119 66.2 32.9 98.6





#67

Ethyl Benzene

Concen: 19.761 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 91 Resp: 619108

Ion Ratio Lower Upper

91 100

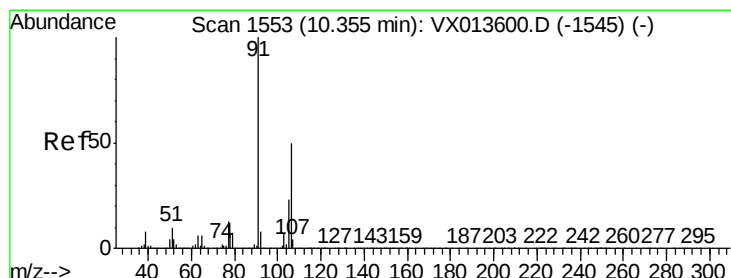
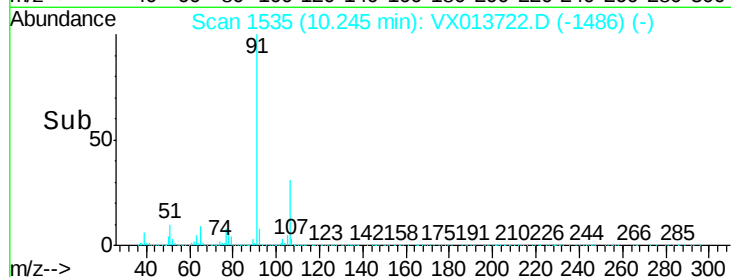
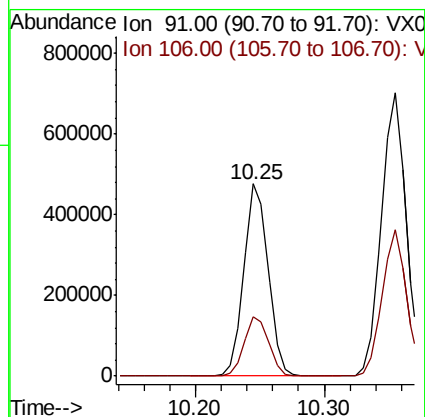
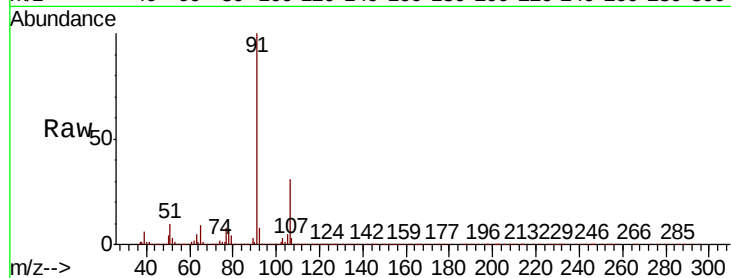
106 31.0 24.5 36.7

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#68

m/p-Xylenes

Concen: 39.369 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013722.D

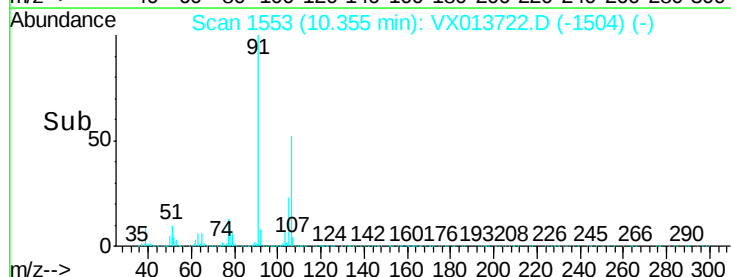
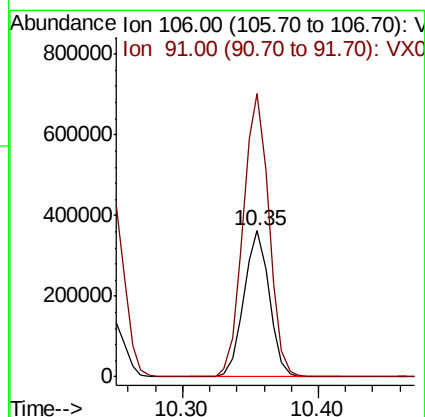
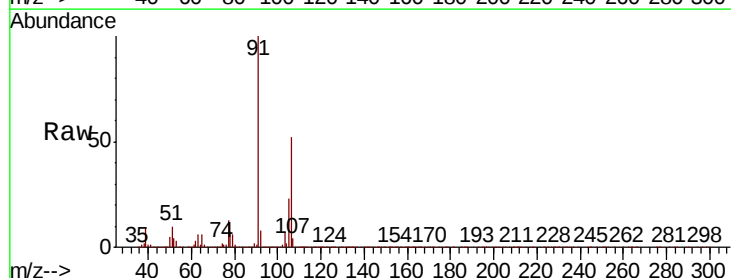
Acq: 03 Dec 2019 14:14

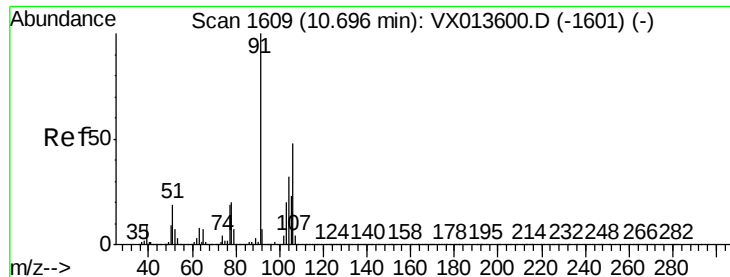
Tgt Ion: 106 Resp: 472223

Ion Ratio Lower Upper

106 100

91 197.6 159.0 238.4





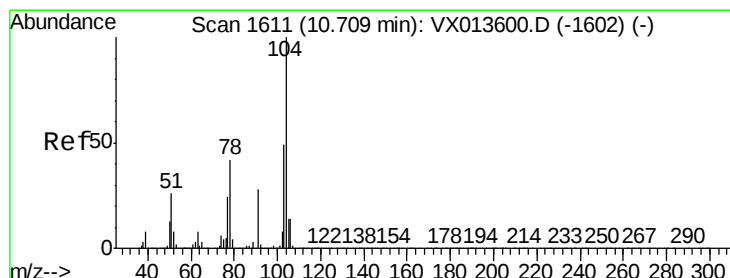
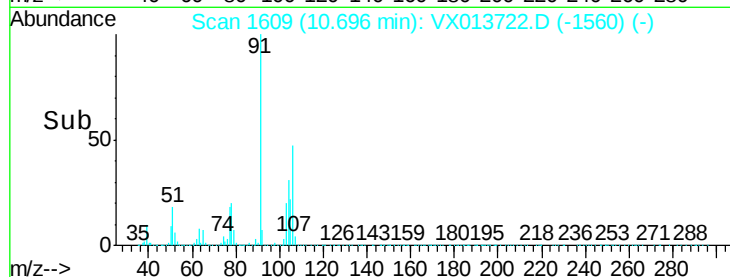
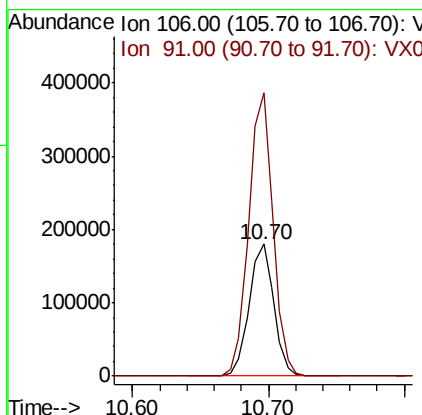
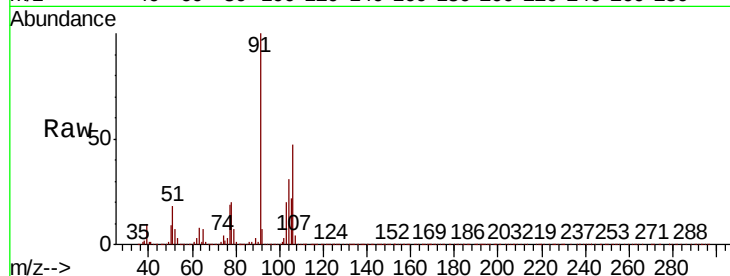
#69
o-Xylene
Concen: 19.484 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.2	104.1	312.2

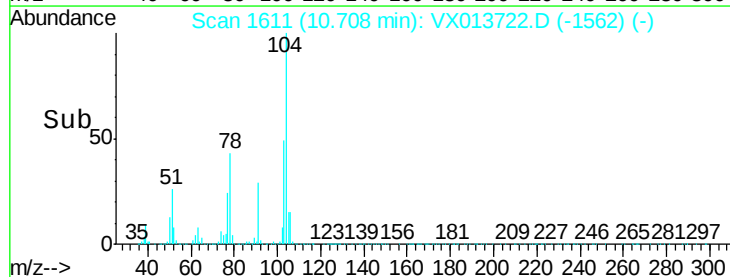
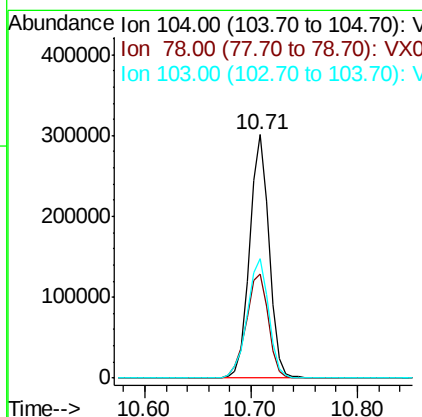
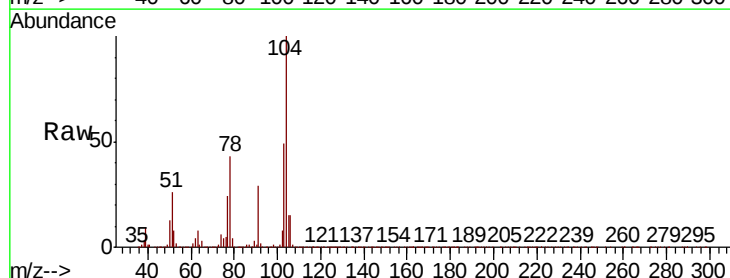
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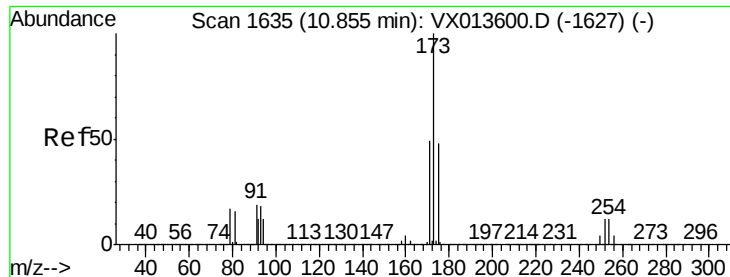
apatel
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#70
Styrene
Concen: 19.667 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	38.5	57.7
103	54.3	43.7	65.5





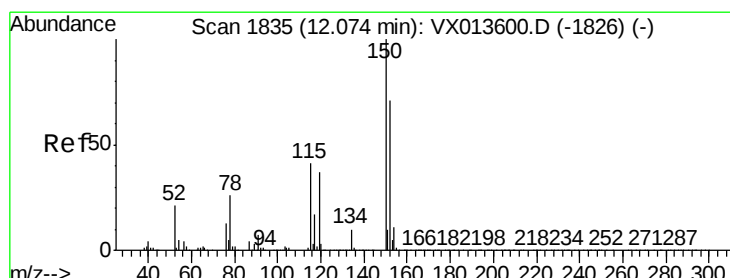
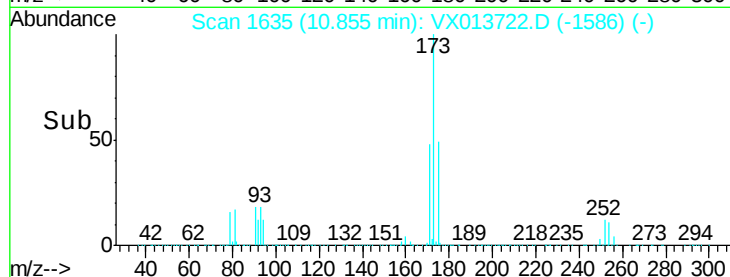
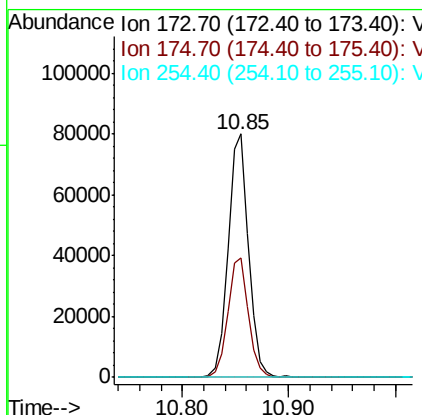
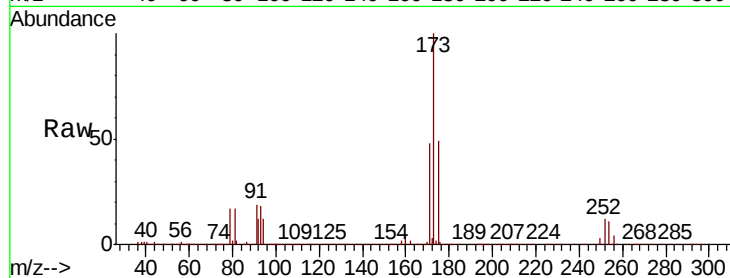
#71
Bromoform
Concen: 19.803 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampled :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.3	72.8
254	0.4	0.2	0.4

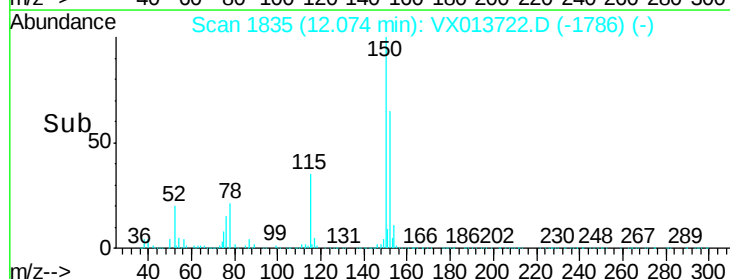
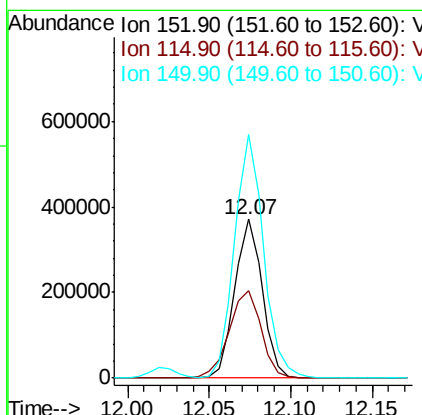
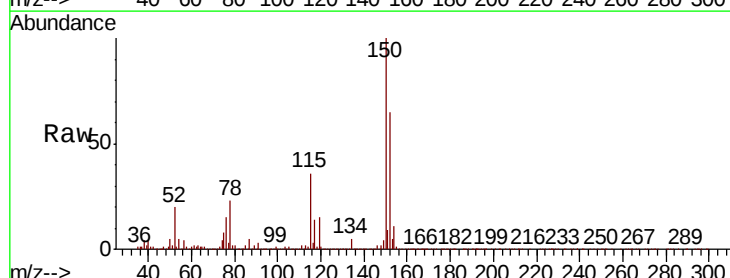
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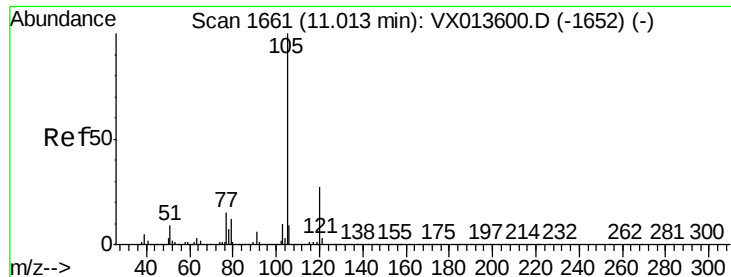
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	38.4	115.1
150	161.9	0.0	346.8





#73

Isopropylbenzene

Concen: 20.005 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion: 105 Resp: 610445

Ion Ratio Lower Upper

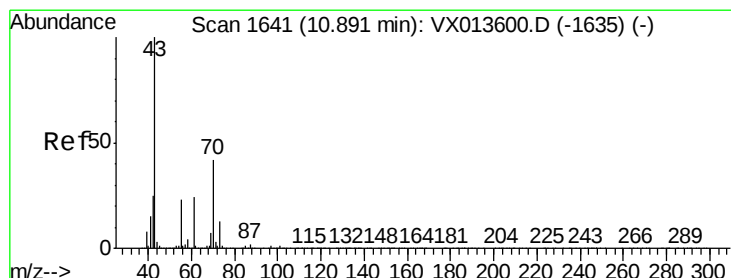
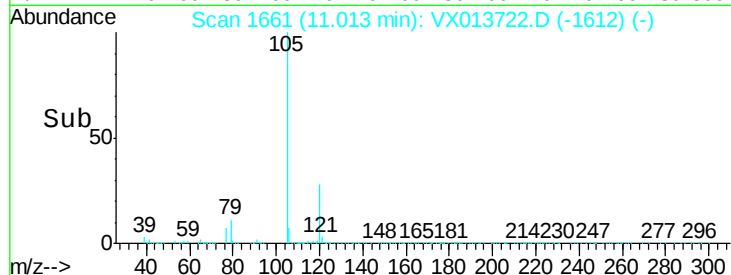
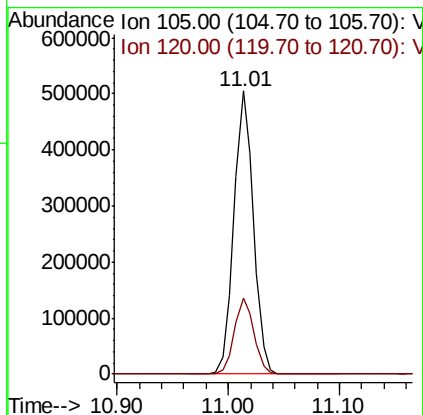
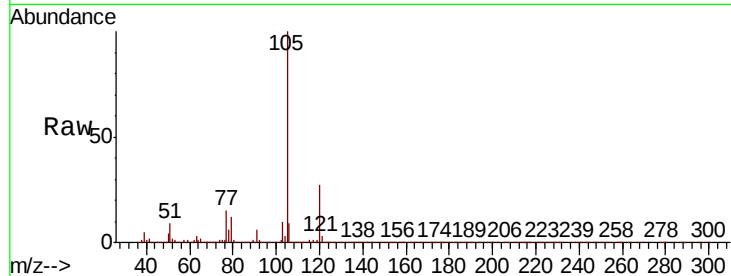
105 100

120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 20.252 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion: 43 Resp: 283092

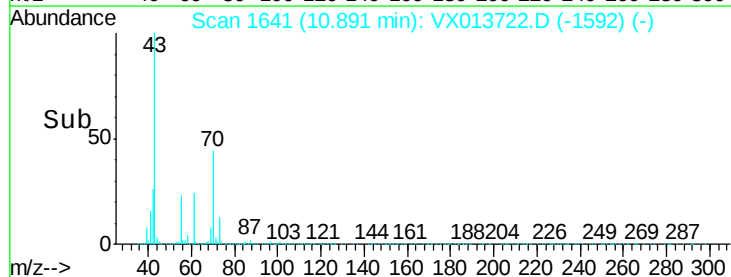
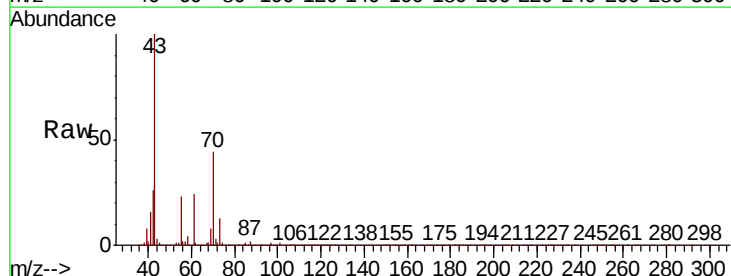
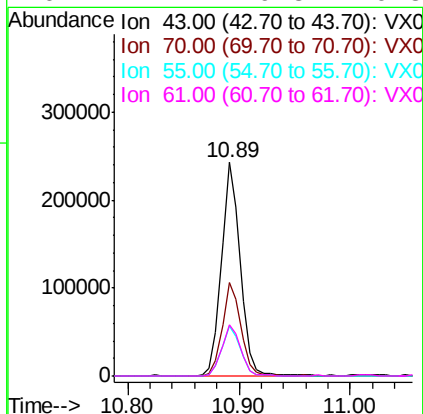
Ion Ratio Lower Upper

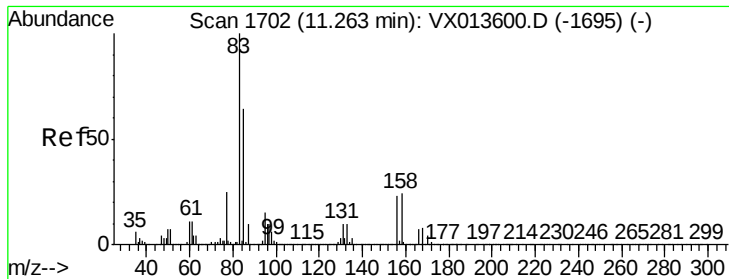
43 100

70 43.2 34.3 51.5

55 23.9 18.5 27.7

61 24.2 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.723 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

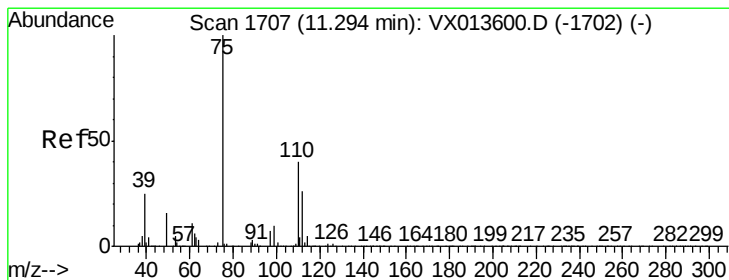
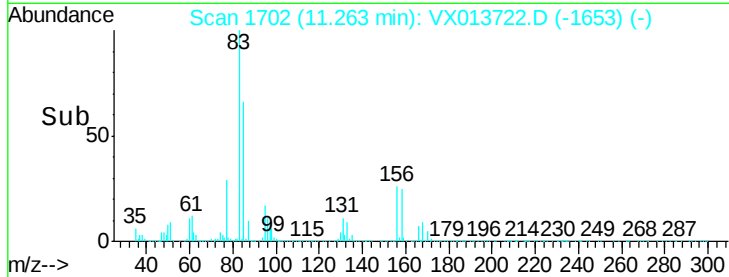
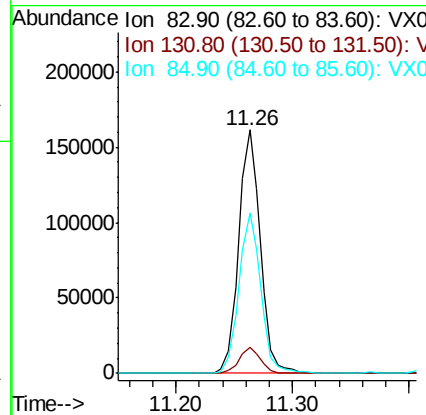
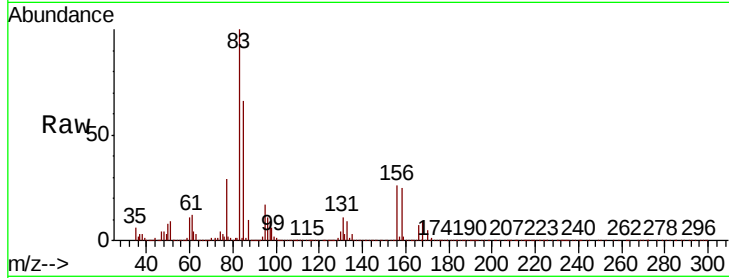
ClientSampleId :

VX1203MBS01

Tot Ion:	83	Resp:	208717
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.3
85	66.8	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 20.838 ug/l m

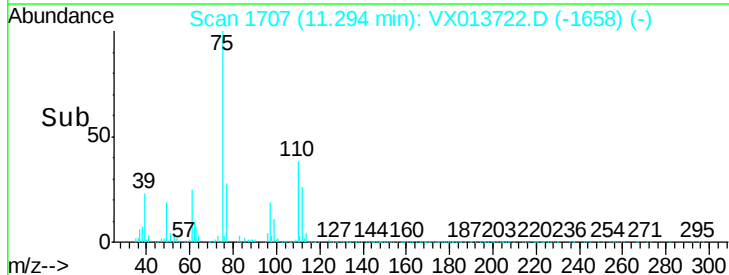
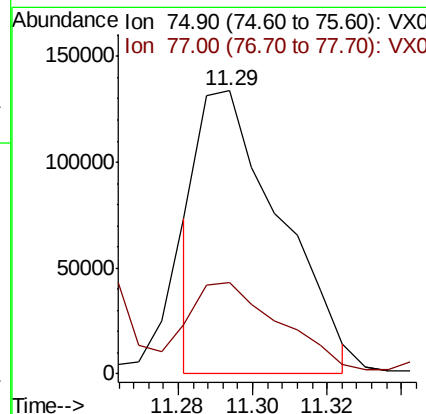
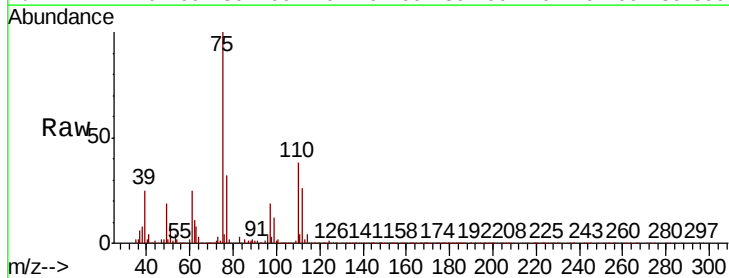
RT: 11.29 min Scan# 1707

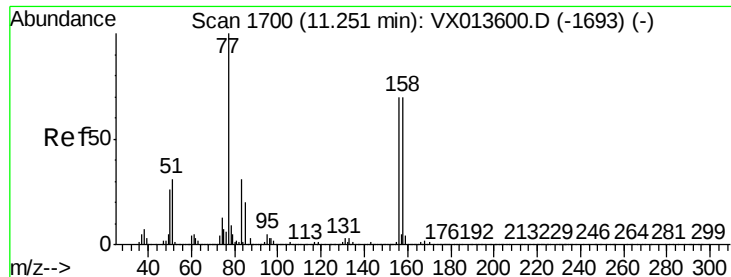
Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion:	75	Resp:	203891
Ion Ratio	Lower	Upper	
75	100		
77	36.8	19.1	57.5





#77

Bromobenzene

Concen: 19.446 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

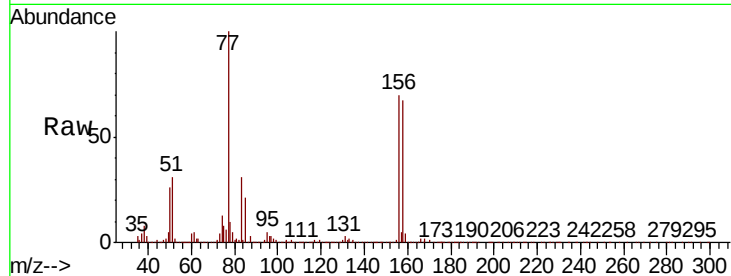
ClientSampled :

VX1203MBS01

Tot Ion:	156	Resp:	160308
Ion Ratio	Lower	Upper	
156	100		
77	150.6	74.4	223.1
158	96.7	48.9	146.6

Manual Integrations
APPROVED

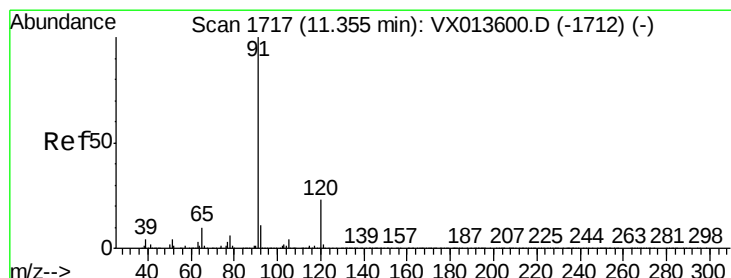
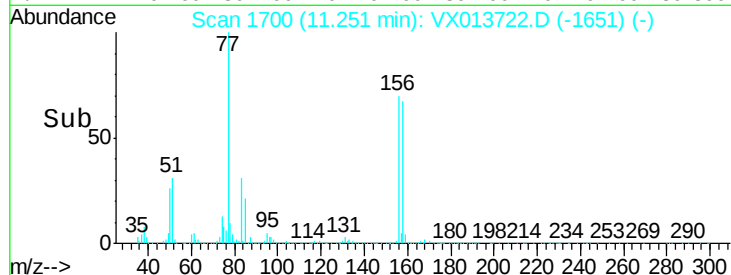
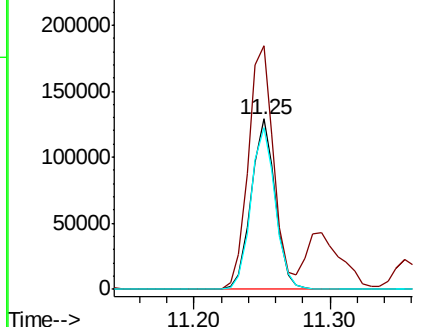
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.044 ug/l

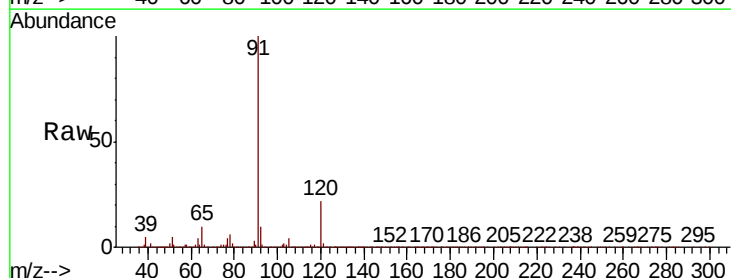
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013722.D

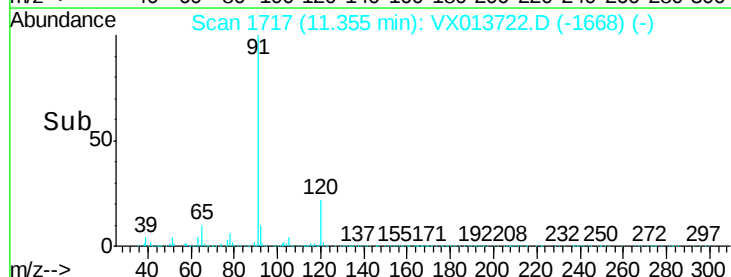
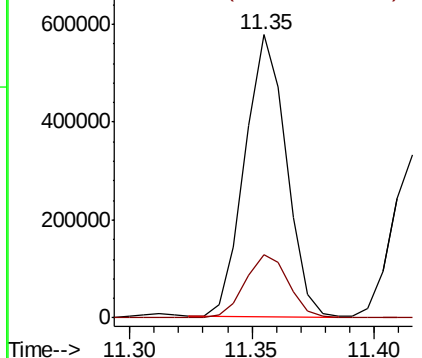
Acq: 03 Dec 2019 14:14

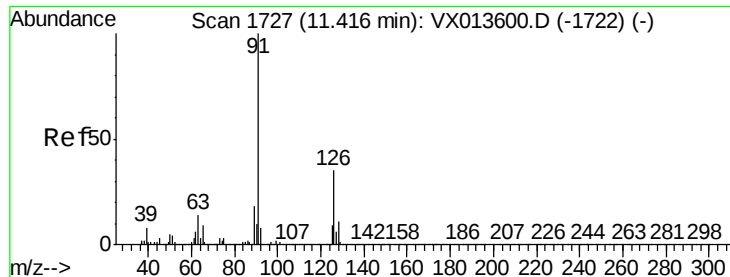
Tgt Ion:	91	Resp:	682778
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





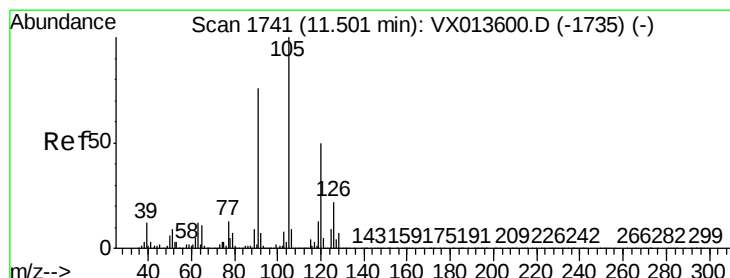
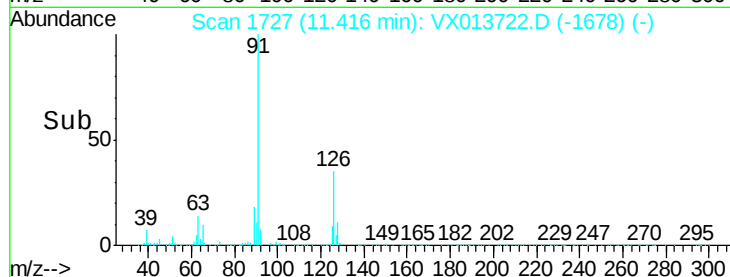
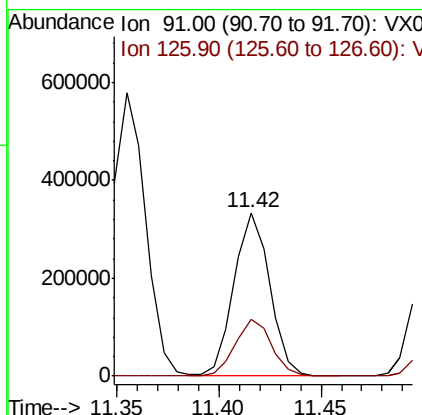
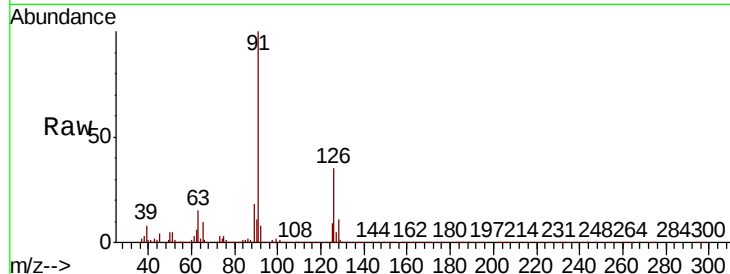
#79
2-Chlorotoluene
Concen: 19.803 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	35.1	17.5	52.5	

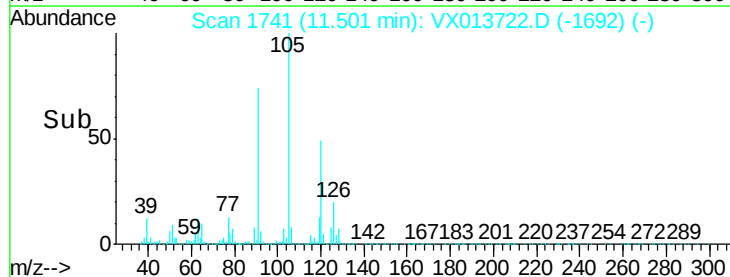
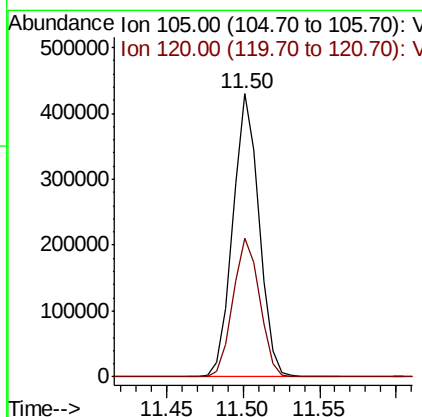
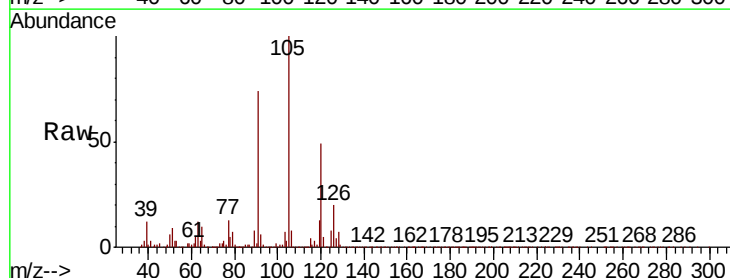
Manual Integrations
APPROVED

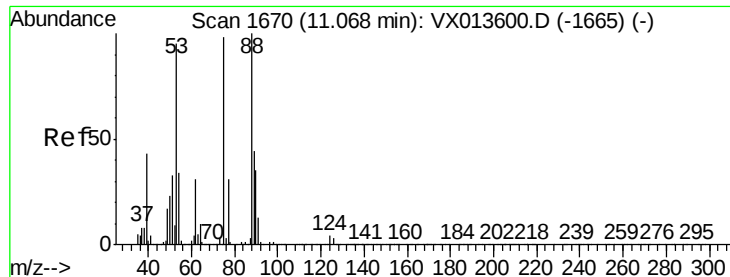
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#80
1,3,5-Trimethylbenzene
Concen: 20.302 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	49.9	25.3	75.9	





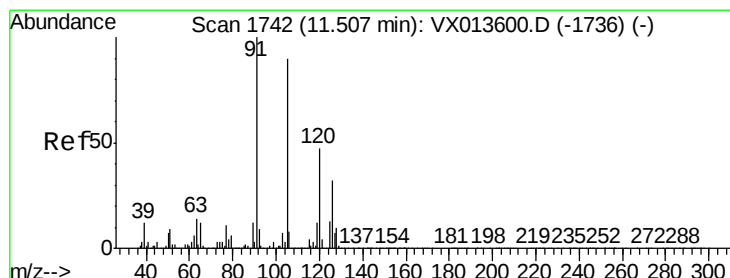
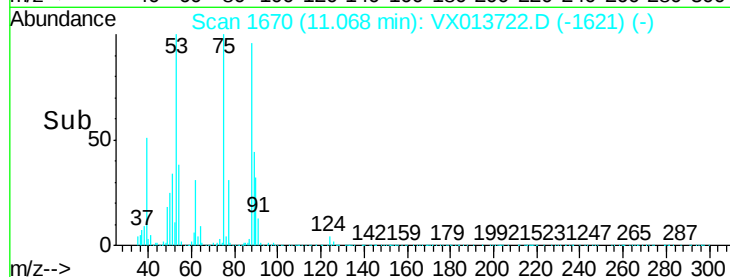
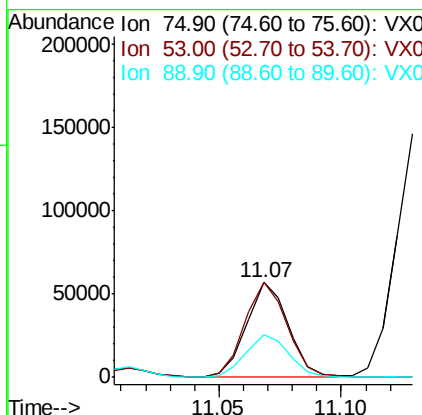
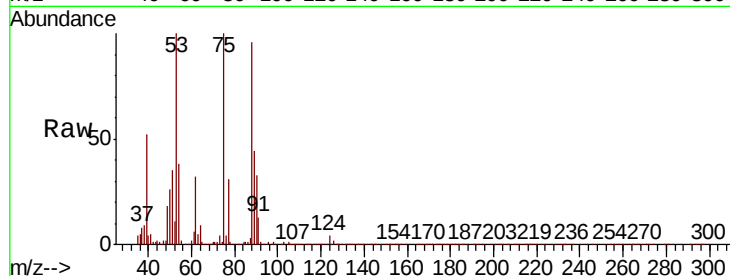
#81
trans-1,4-Dichloro-2-butene
Concen: 18.768 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.5	78.2	117.2
89	47.4	35.4	53.2

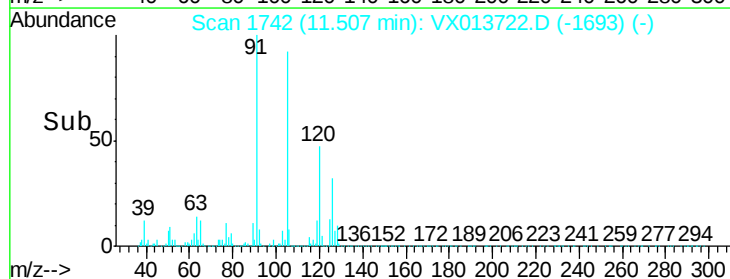
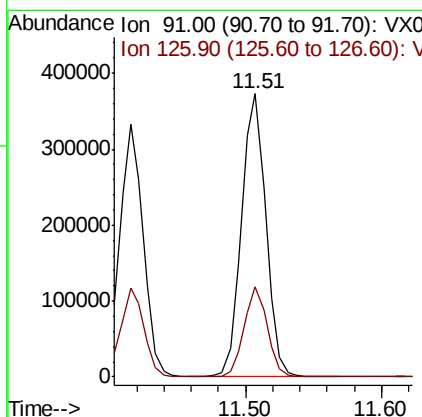
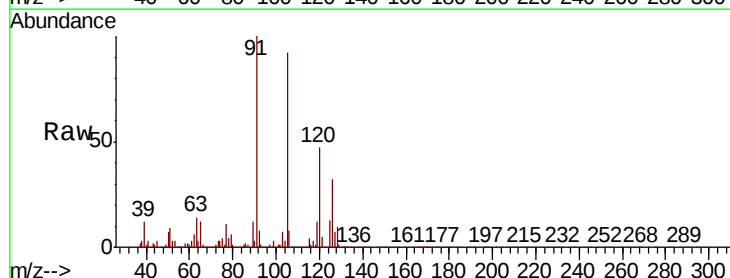
Manual Integrations
APPROVED

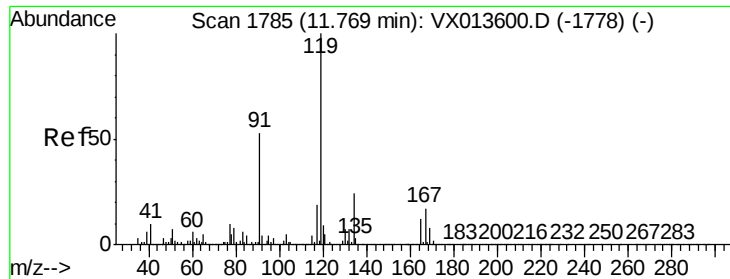
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#82
4-Chlorotoluene
Concen: 19.611 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.7	47.0





#83

tert-Butylbenzene

Concen: 19.328 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

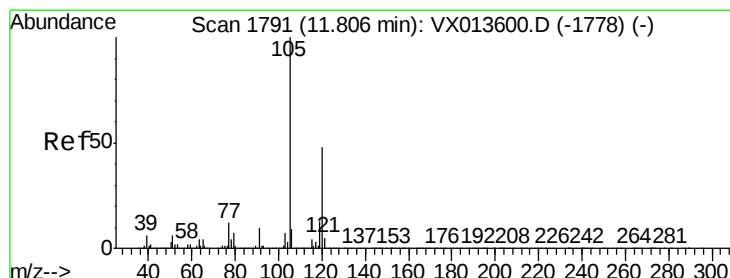
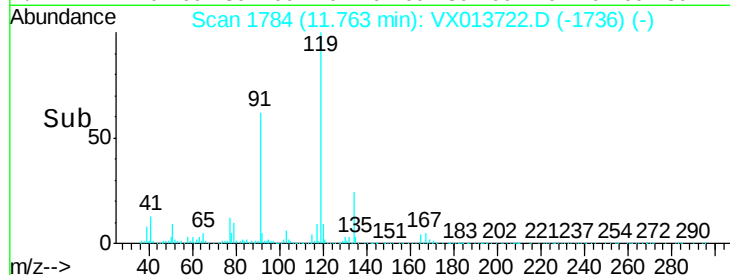
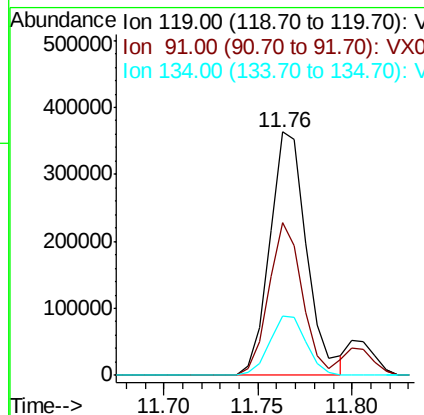
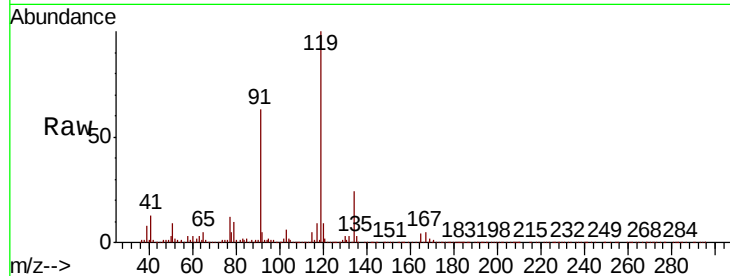
ClientSampled :

VX1203MBS01

Tot Ion:	119	Resp:	491262
Ion Ratio		Lower	Upper
119	100		
91	56.9	27.2	81.6
134	24.1	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.196 ug/l

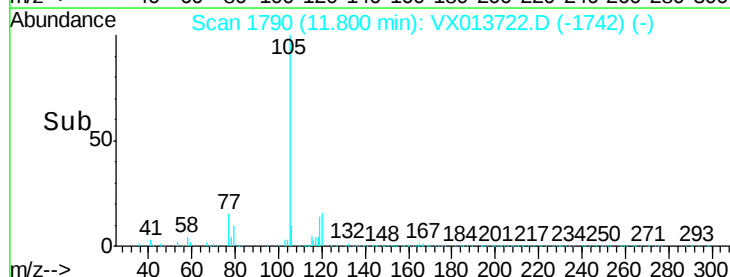
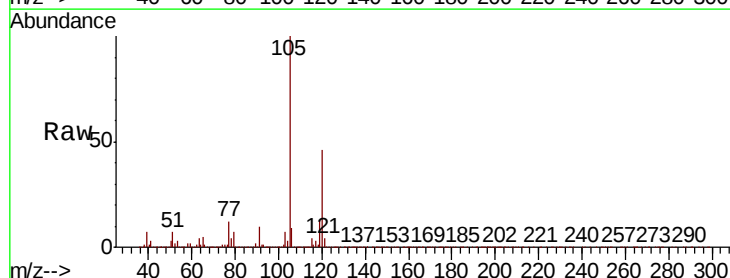
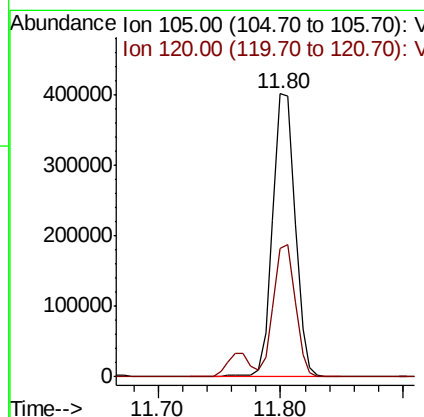
RT: 11.80 min Scan# 1790

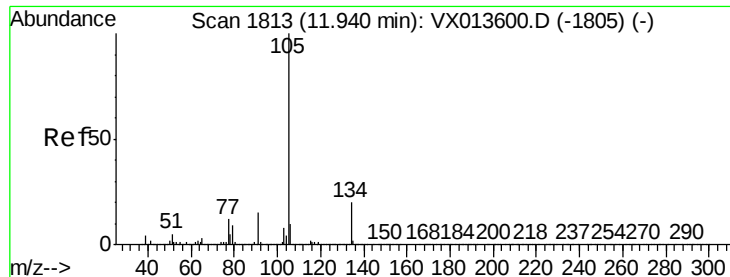
Delta R.T. -0.01 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion:	105	Resp:	512637
Ion Ratio		Lower	Upper
105	100		
120	45.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.459 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX1203MBS01

Tot Ion:105 Resp: 593981

Ion Ratio Lower Upper

105 100

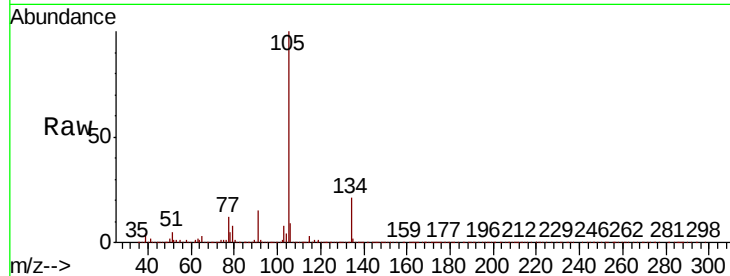
134 20.6 10.4 31.2

Manual Integrations

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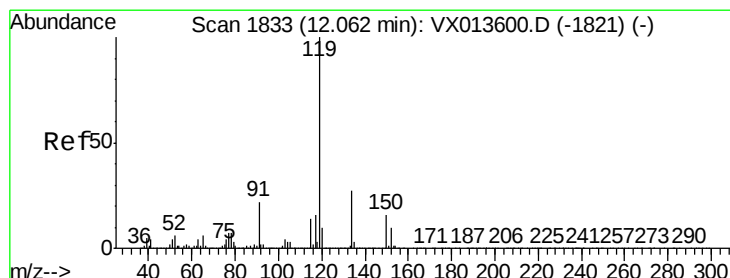
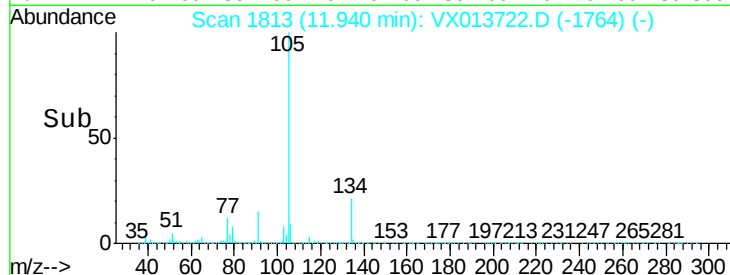
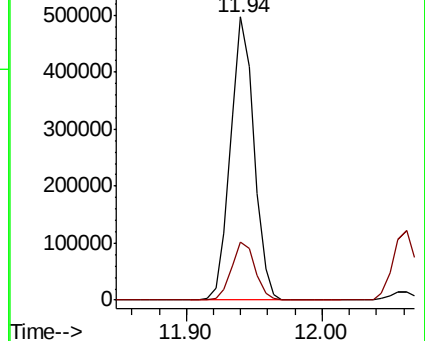
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.156 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

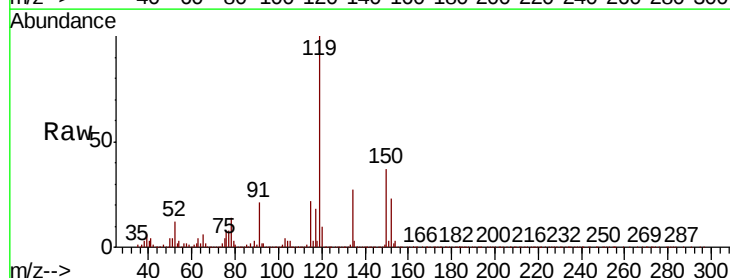
Tgt Ion:119 Resp: 544402

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

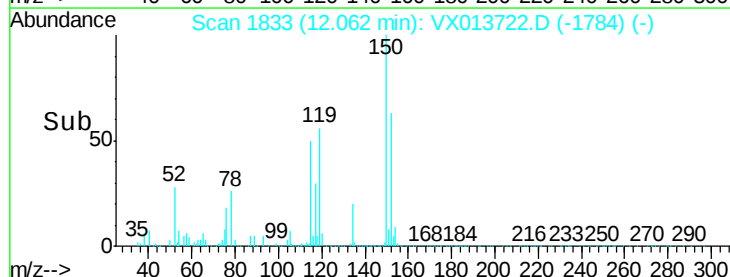
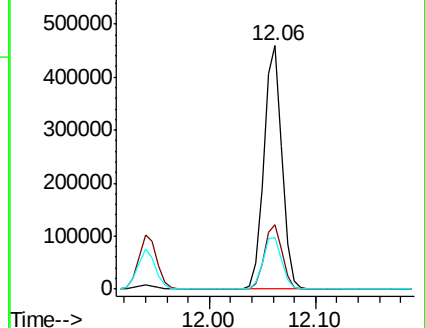
91 22.3 11.3 33.8

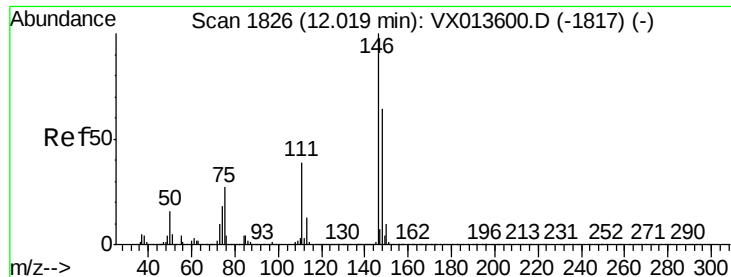


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





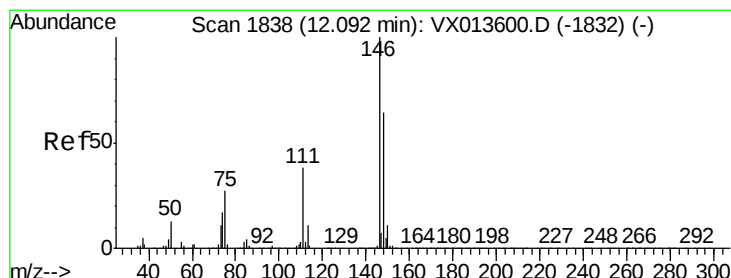
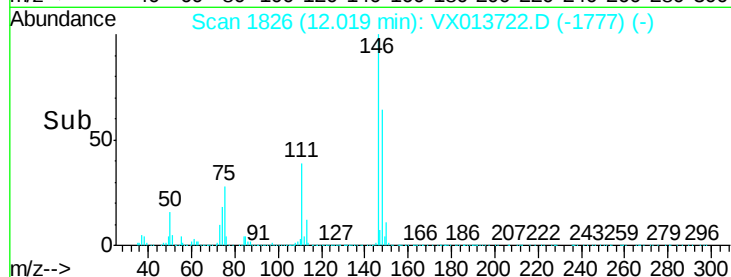
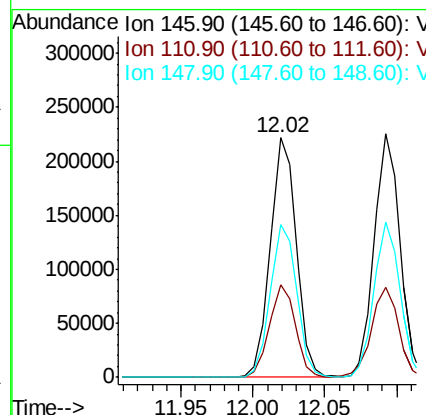
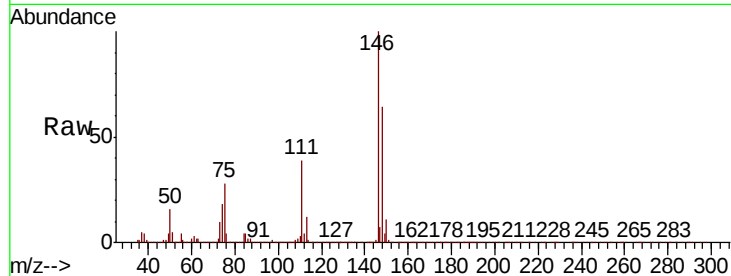
#87
 1,3-Dichlorobenzene
 Concen: 19.230 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	64.6	31.8	95.4

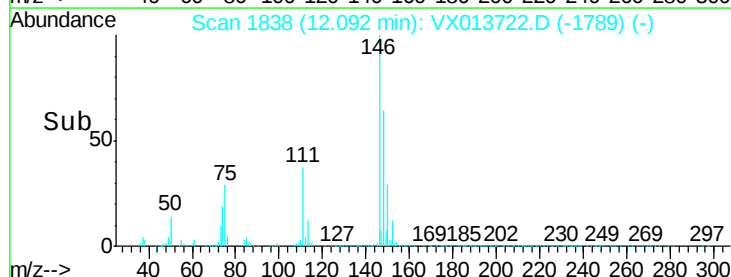
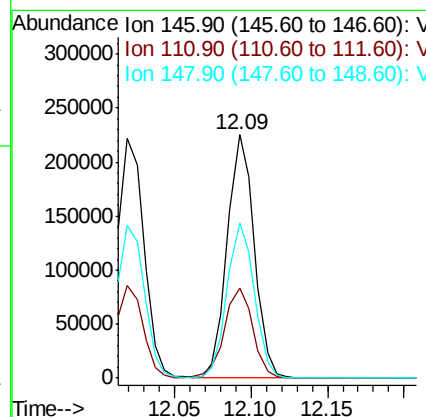
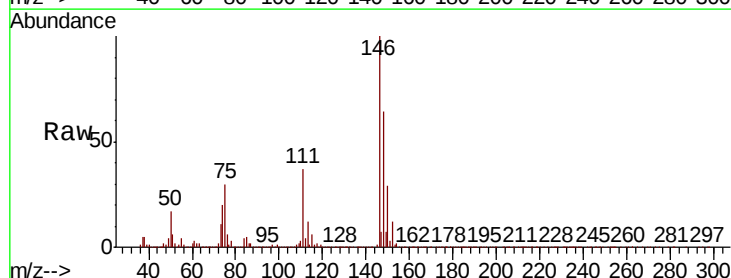
Manual Integrations
 APPROVED

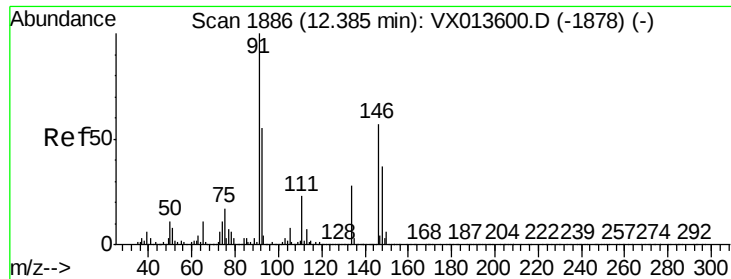
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#88
 1,4-Dichlorobenzene
 Concen: 18.780 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.9	56.9
148	64.7	31.9	95.5





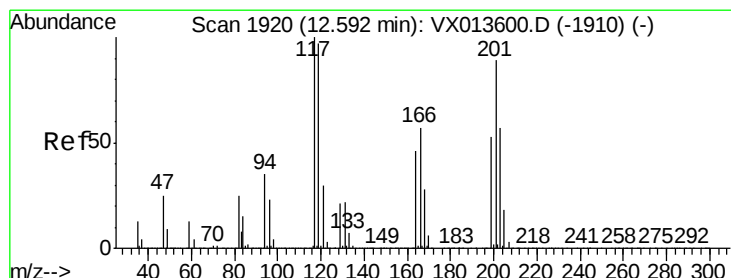
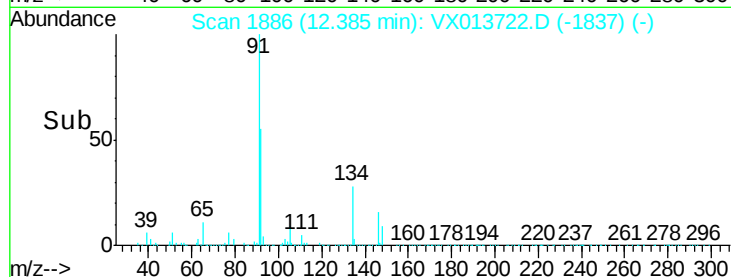
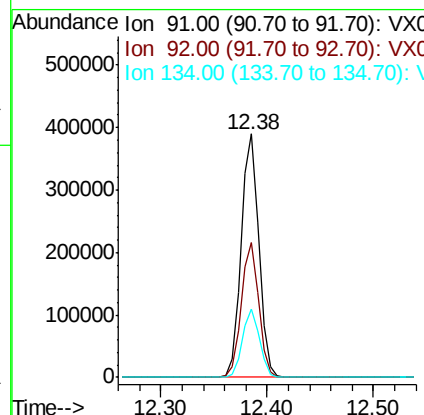
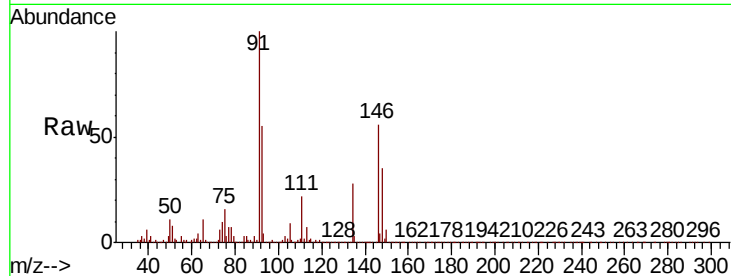
#89
n-Butylbenzene
Concen: 19.725 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.4	27.4	82.2	
134	27.2	13.5	40.4	

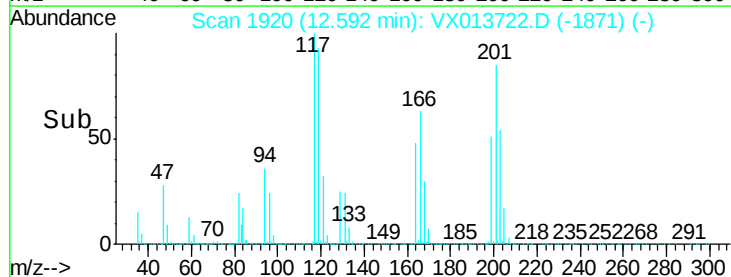
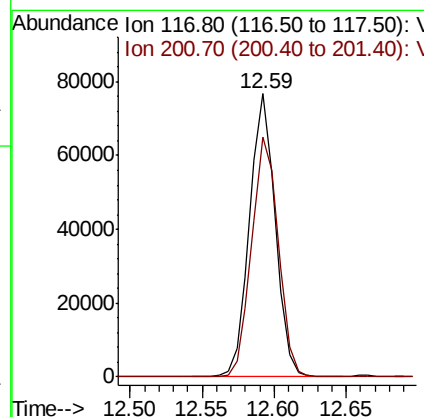
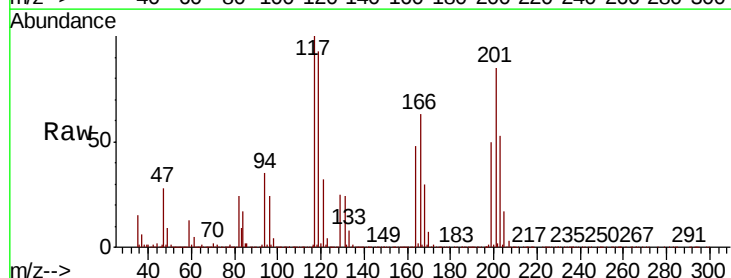
Manual Integrations
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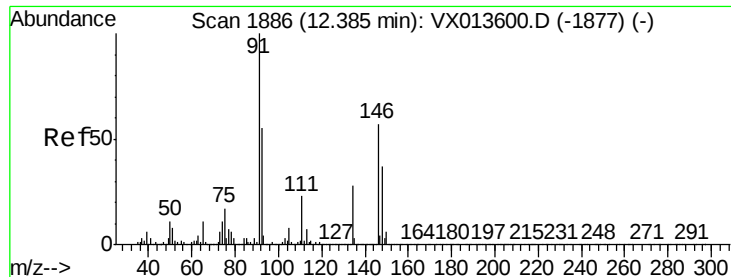
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#90
Hexachloroethane
Concen: 19.307 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013722.D
Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.7	44.1	132.4	





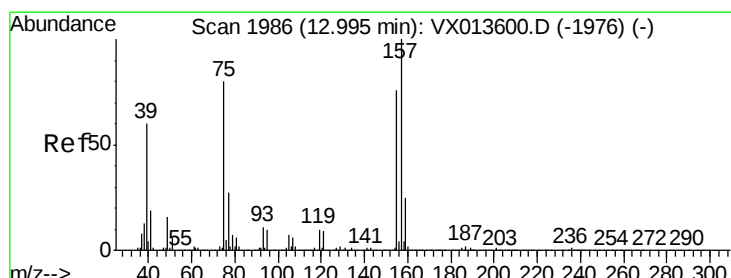
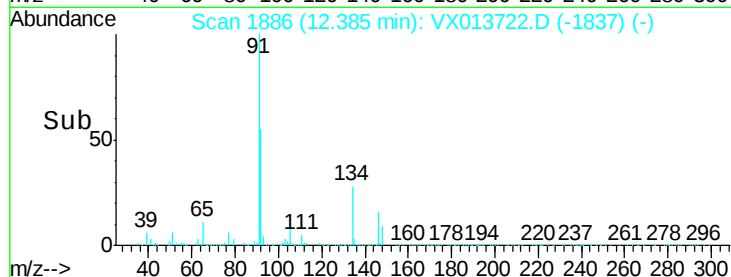
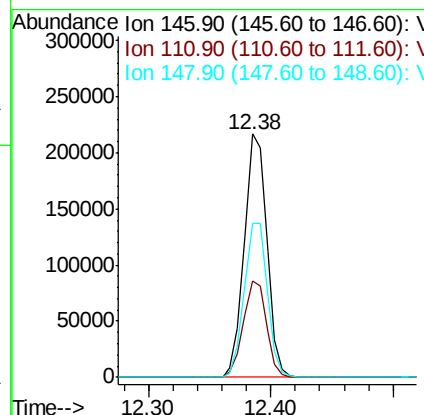
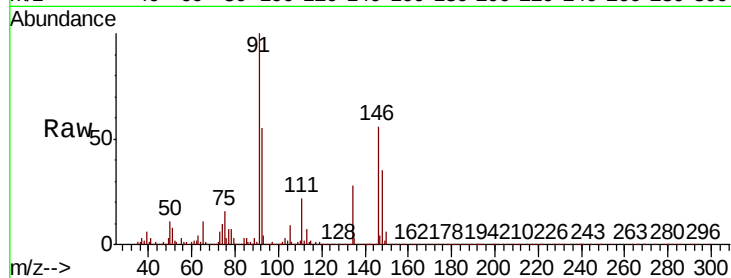
#91
 1,2-Dichlorobenzene
 Concen: 19.489 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	64.9	31.9	95.7

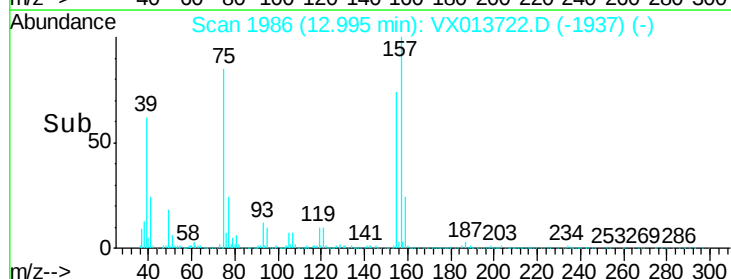
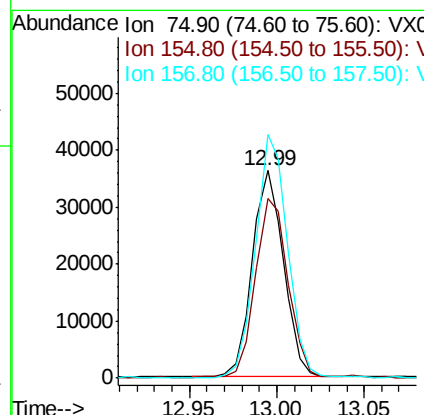
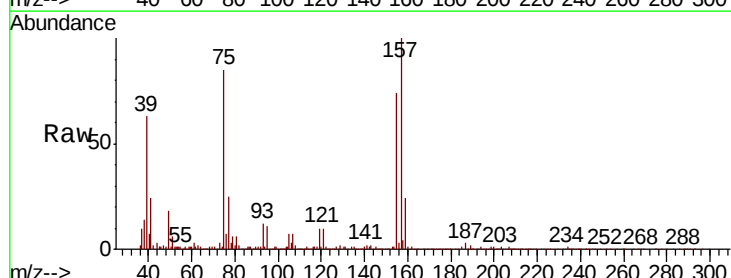
Manual Integrations
 APPROVED

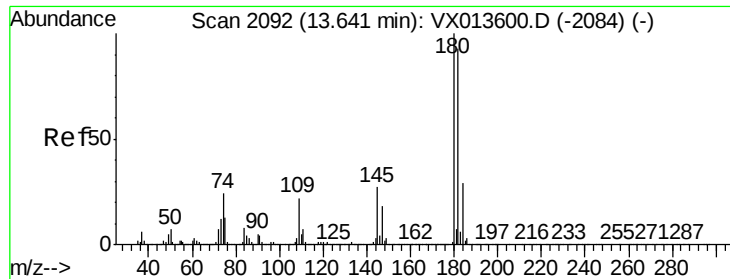
apatel
 12/4/2019 1:52:10 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.539 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.9	47.6	142.8
157	122.4	62.1	186.2





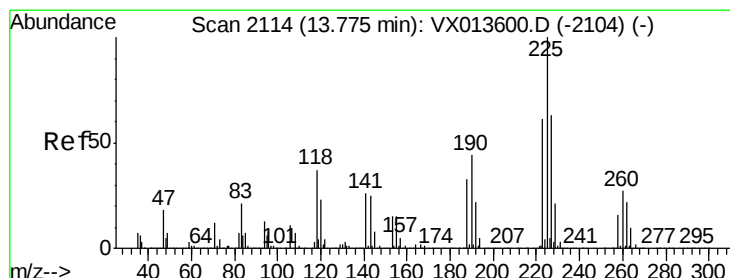
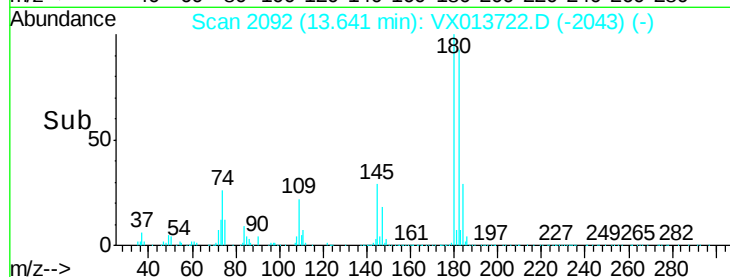
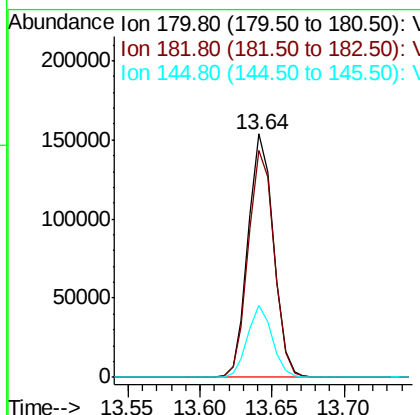
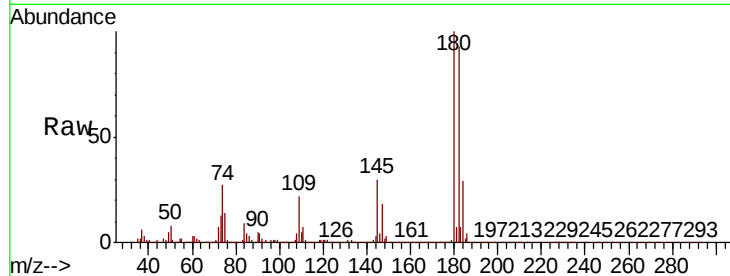
#93
 1,2,4-Trichlorobenzene
 Concen: 18.891 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	186929		
182	94.9	47.2	141.6	
145	28.3	13.8	41.4	

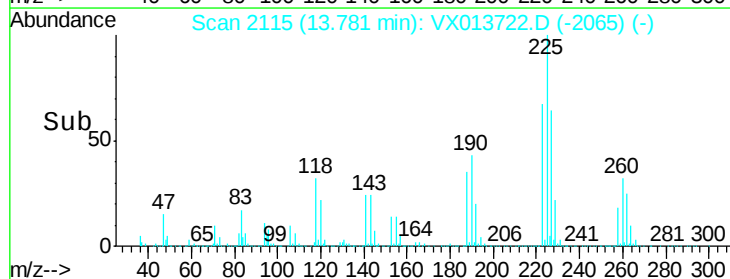
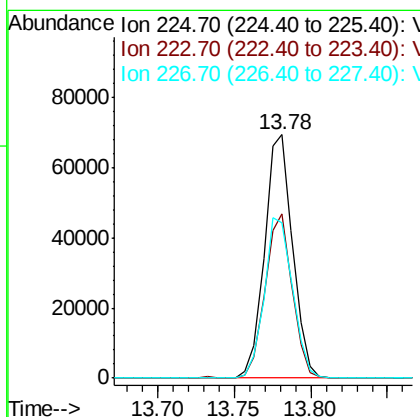
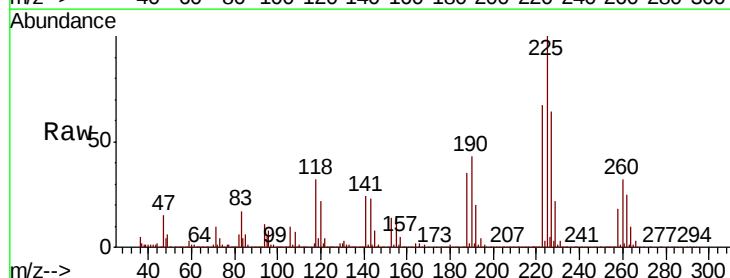
Manual Integrations
 APPROVED

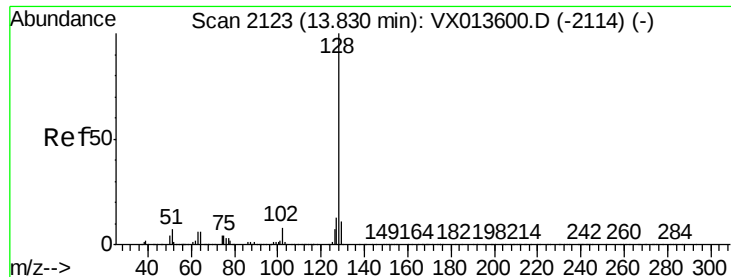
apatel
 12/4/2019 1:52:10 PM



#94
 Hexachlorobutadiene
 Concen: 18.710 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013722.D
 Acq: 03 Dec 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88936		
223	65.3	31.9	95.5	
227	66.9	32.1	96.3	





#95

Naphthalene

Concen: 19.606 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Instrument :

MSVOA_X

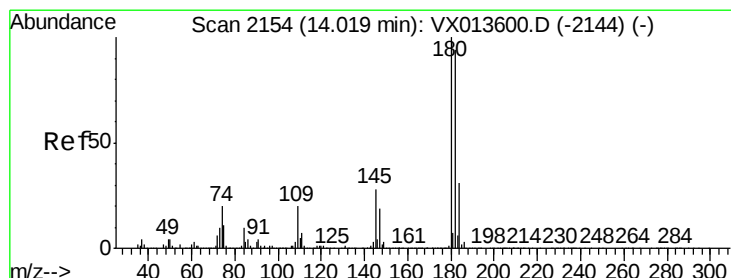
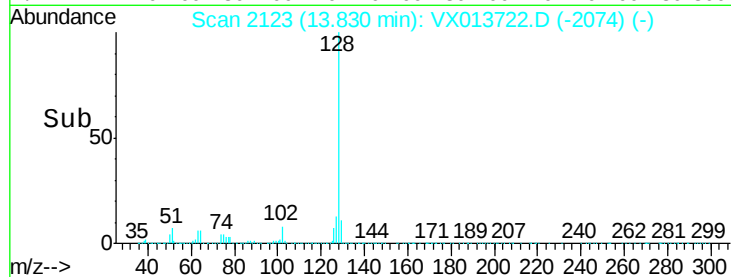
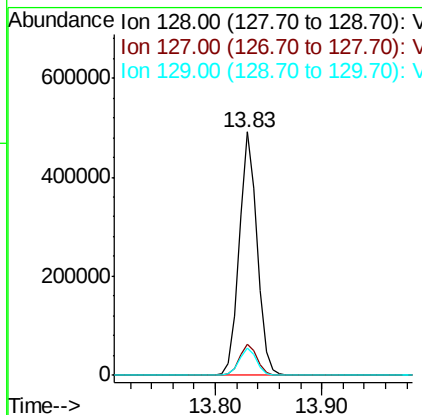
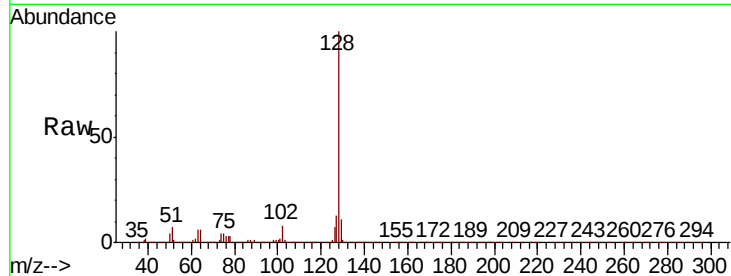
ClientSampleId :

VX1203MBS01

Tot Ion:	128	Resp:	577746
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
12/4/2019 1:52:10 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.124 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VX013722.D

Acq: 03 Dec 2019 14:14

Tgt Ion:	180	Resp:	187366
Ion Ratio	Lower	Upper	
180	100		
182	97.7	47.6	142.8
145	30.0	15.0	45.0

