

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120719\
 Data File : VX0137844.D
 Acq On : 07 Dec 2019 16:35
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
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 12/9/2019 2:07:32 PM

Quant Time: Dec 09 03:05:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	98485	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	547153	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	487207	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	207919	28.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.30%
60) 4-Bromofluorobenzene	11.13	95	234286	29.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.73%
63) Toluene-d8	8.71	98	665243	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	141815	19.219 ug/l	97
3) Chloromethane	1.32	50	151346	18.819 ug/l	99
4) Vinyl Chloride	1.40	62	175031	19.154 ug/l	99
5) Bromomethane	1.63	94	72549	13.206 ug/l	98
6) Chloroethane	1.72	64	97589	19.428 ug/l	97
7) Trichlorofluoromethane	1.92	101	185286	18.834 ug/l	94
8) Diethyl Ether	2.18	74	87802	19.547 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118355	19.996 ug/l	98
10) 1,1-Dichloroethene	2.37	96	118170	19.428 ug/l	94
11) Methyl Iodide	2.50	142	80599	10.732 ug/l	98
12) Methyl Acetate	2.76	43	206671	19.391 ug/l	99
13) Acrolein	2.28	56	112150	99.061 ug/l	98
14) Acrylonitrile	3.13	53	355908	90.810 ug/l	98
15) Acetone	2.43	58	93721	78.955 ug/l	98
16) Carbon Disulfide	2.56	76	304029	17.921 ug/l	100
17) Allyl chloride	2.72	41	206058	18.396 ug/l	99
18) Methylene Chloride	2.85	84	136214	19.738 ug/l	98
19) trans-1,2-Dichloroethene	3.15	96	122266	18.809 ug/l	98
20) Diisopropyl ether	3.84	45	427242	19.826 ug/l	91
21) 1,1-Dichloroethane	3.69	63	230598	19.646 ug/l	98
22) cis-1,2-Dichloroethene	4.59	96	143997	19.429 ug/l	99
23) tert-Butyl Alcohol	3.03	59	133142	70.590 ug/l	100
24) Methyl tert-Butyl Ether	3.19	73	389488	19.348 ug/l	100
25) Chloroform	5.20	83	224451	19.536 ug/l	100
26) Cyclohexane	5.57	56	204632	19.198 ug/l #	98
29) 1,1-Dichloropropene	5.79	75	167403	20.031 ug/l	99
30) 2-Butanone	4.66	43	489450	88.730 ug/l	99
31) 2,2-Dichloropropane	4.57	77	179342	19.815 ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	186426	20.070 ug/l	99
33) Carbon Tetrachloride	5.78	117	158028	19.586 ug/l	99
34) Benzene	6.14	78	524173	20.678 ug/l	99
35) Methacrylonitrile	5.03	41	108653	19.724 ug/l	95
36) 1,2-Dichloroethane	6.18	62	180028	20.290 ug/l	99
37) Trichloroethene	7.21	130	136801	20.145 ug/l	94
38) Methylcyclohexane	7.46	83	202543	19.766 ug/l	99
39) 1,2-Dichloropropane	7.51	63	133758	20.408 ug/l	97
40) Dibromomethane	7.65	93	87960	20.165 ug/l	98

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Quant Time: Dec 09 03:05:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	166219	19.521	ug/l	97
42) Vinyl Acetate	3.80	43	1728103	99.505	ug/l	100
43) Ethyl Acetate	4.82	43	188552	18.741	ug/l	96
44) Isopropyl Acetate	6.43	43	312425	19.319	ug/l	100
45) 1,4-Dioxane	7.73	88	44638	250.005	ug/l	96
46) Methyl methacrylate	7.76	41	154752	19.237	ug/l	100
47) n-amyl Acetate	10.89	43	275003	19.386	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	181421	19.001	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	205584	19.650	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	128935	19.975	ug/l	99
51) Ethyl methacrylate	9.17	69	209051	19.671	ug/l	98
52) 1,3-Dichloropropane	9.37	76	225636	20.448	ug/l	100
53) Dibromochloromethane	9.58	129	134903	19.720	ug/l	97
54) 1,2-Dibromoethane	9.67	107	137122	19.867	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	387021	85.229	ug/l	100
56) Bromoform	10.85	173	98842	18.156	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	983995	96.680	ug/l	99
59) 2-Hexanone	9.48	43	750245	93.163	ug/l	99
61) Tetrachloroethene	9.33	164	120585	20.071	ug/l	98
62) Toluene	8.78	91	556467	20.505	ug/l	99
64) Chlorobenzene	10.14	112	352503	20.774	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	127779	20.117	ug/l	98
66) Ethyl Benzene	10.24	91	612787	20.554	ug/l	99
67) m/p-Xylenes	10.35	106	466226	40.539	ug/l	99
68) o-Xylene	10.70	106	229200	20.651	ug/l	96
69) Styrene	10.71	104	381766	20.143	ug/l	99
70) Isopropylbenzene	11.01	105	605938	20.719	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	210366	20.089	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	189006m	21.376	ug/l	
73) Bromobenzene	11.25	156	157945	20.479	ug/l	97
74) n-propylbenzene	11.35	91	684880	20.606	ug/l	100
75) 2-Chlorotoluene	11.42	91	404793	20.481	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	498929	20.296	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	61498	17.201	ug/l	91
78) 4-Chlorotoluene	11.51	91	459751	20.303	ug/l	100
79) tert-butylbenzene	11.76	119	502709	20.268	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	498185	20.336	ug/l	100
81) sec-Butylbenzene	11.94	105	578916	20.458	ug/l	99
82) p-Isopropyltoluene	12.06	119	525945	20.172	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	274326	20.231	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	275767	20.488	ug/l	98
85) n-Butylbenzene	12.38	91	449991	19.997	ug/l	99
86) Hexachloroethane	12.59	117	89890	18.788	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	276856	20.419	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	42961	18.345	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	185652	19.858	ug/l	97
90) Hexachlorobutadiene	13.77	225	82461	18.407	ug/l	97
91) Naphthalene	13.83	128	581886	19.658	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	187105	19.804	ug/l	99

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Manual Integrations
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Quant Time: Dec 09 03:05:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

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

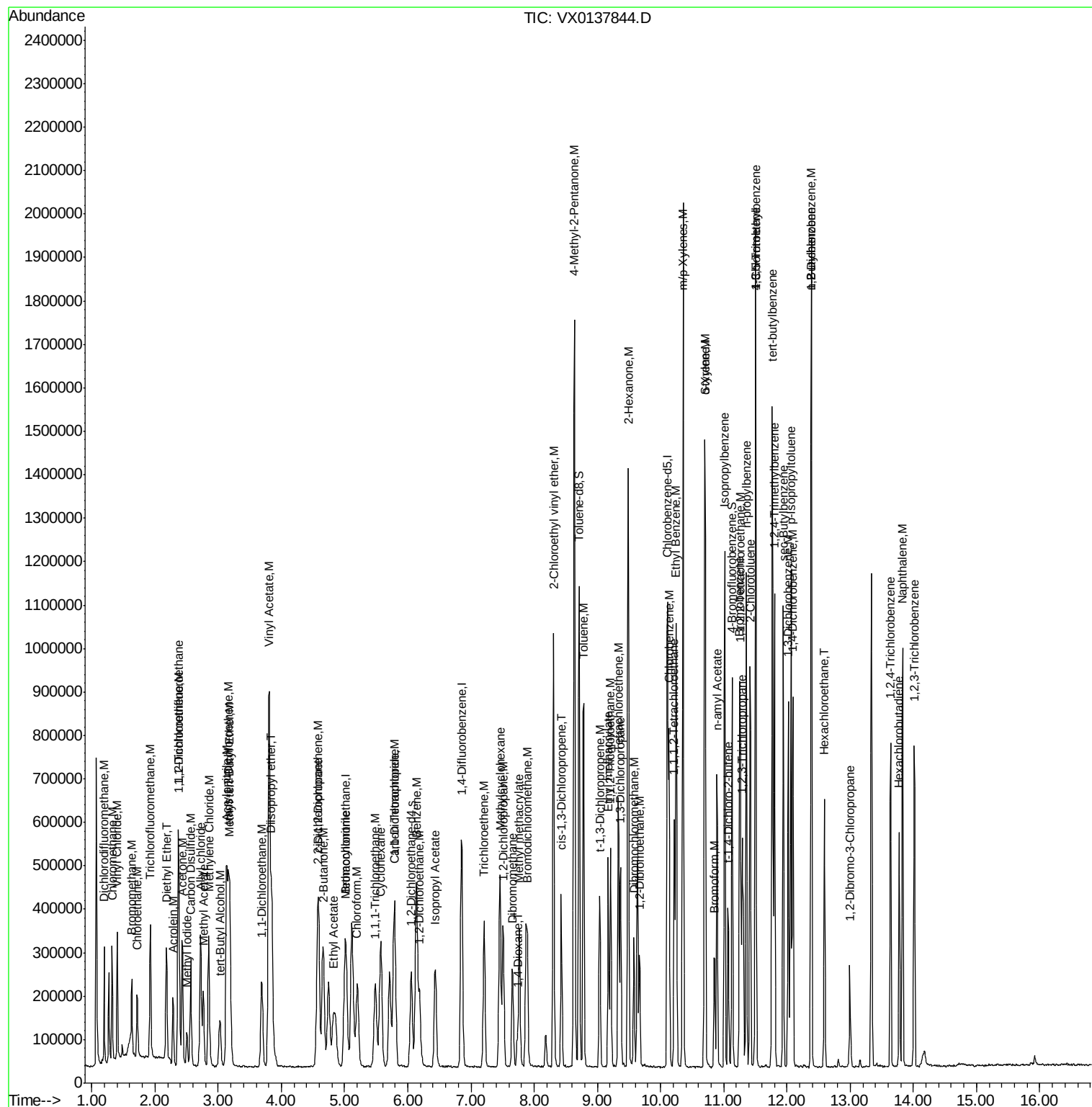
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 Data File : VX0137844.D
 Acq On : 07 Dec 2019 16:35
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

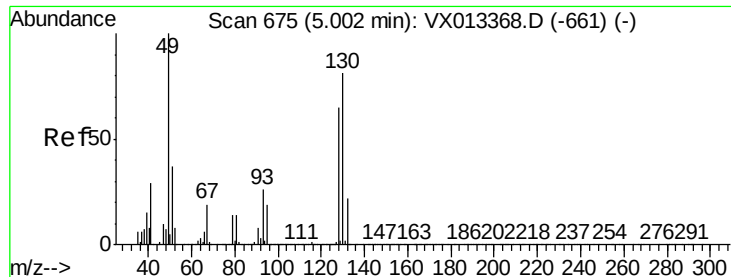
Instrument :
 MSVOA_X
 ClientSampled :

Manual Integrations
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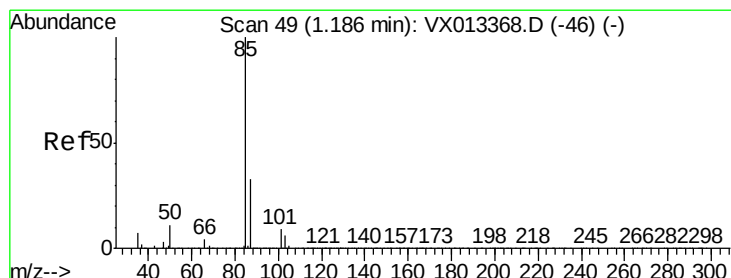
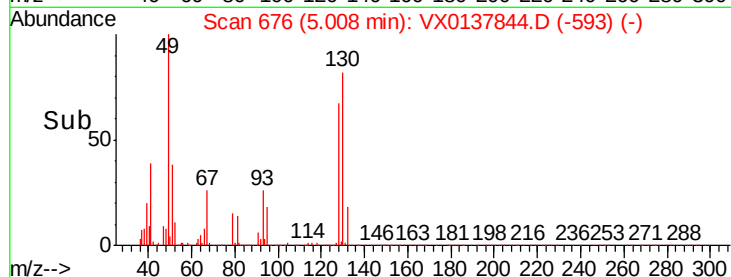
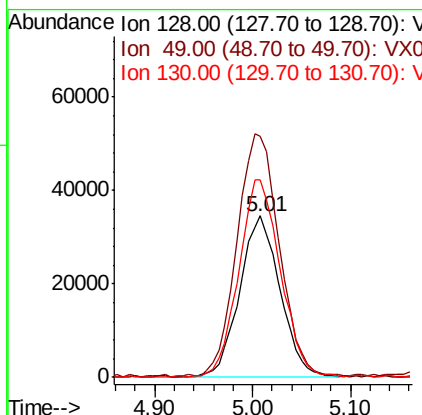
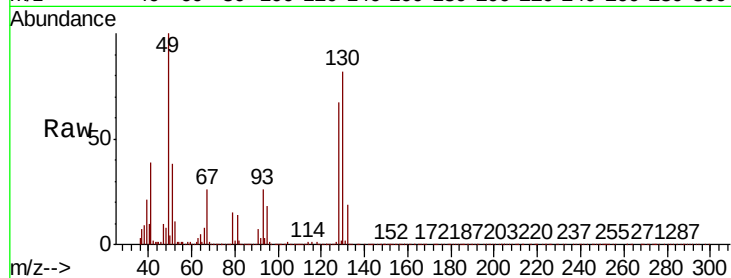
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
49	157.0	0.0	388.3
130	126.1	0.0	318.5

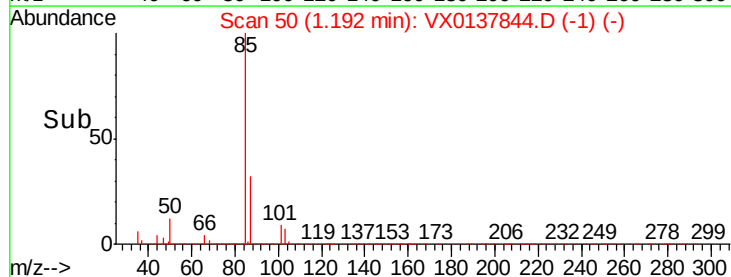
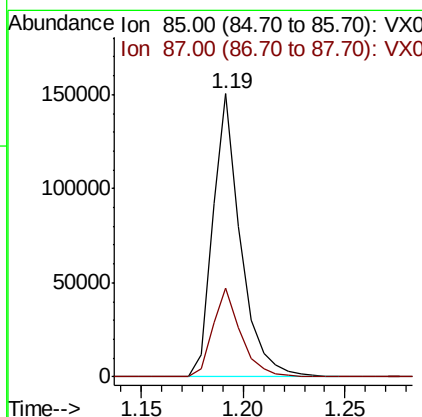
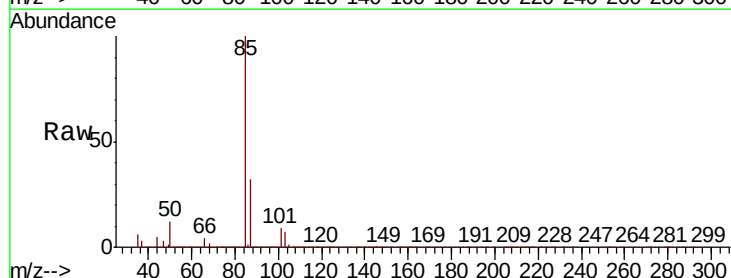
Manual Integrations
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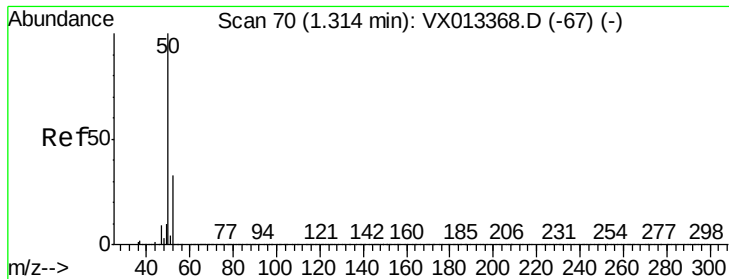
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#2
Dichlorodifluoromethane
Concen: 19.219 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.6	49.7





#3

Chloromethane

Concen: 18.819 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 50 Resp: 151346

Ion Ratio Lower Upper

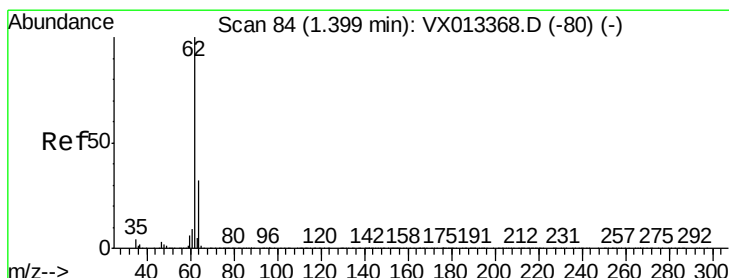
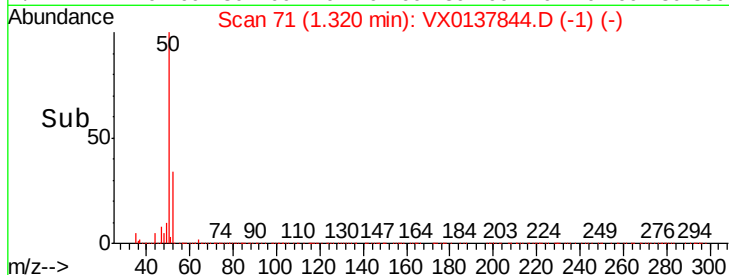
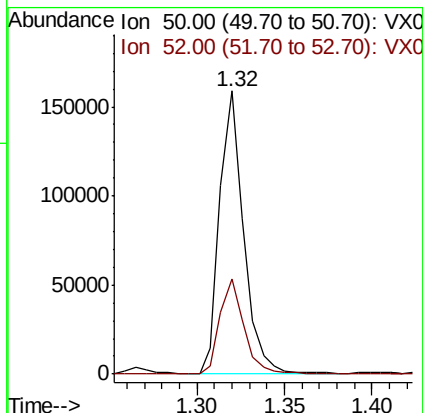
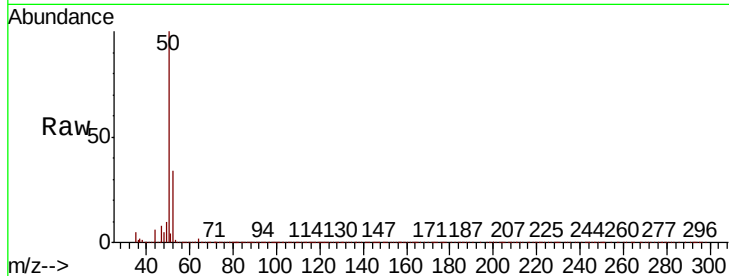
50 100

52 33.7 26.6 40.0

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#4

Vinyl Chloride

Concen: 19.154 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX0137844.D

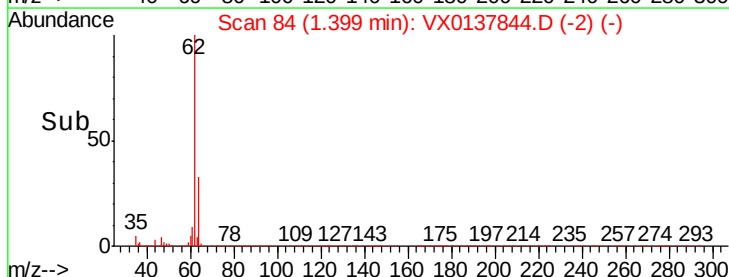
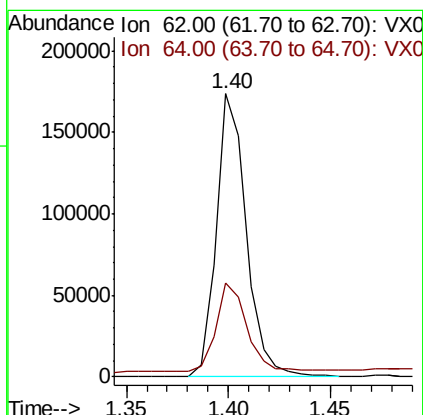
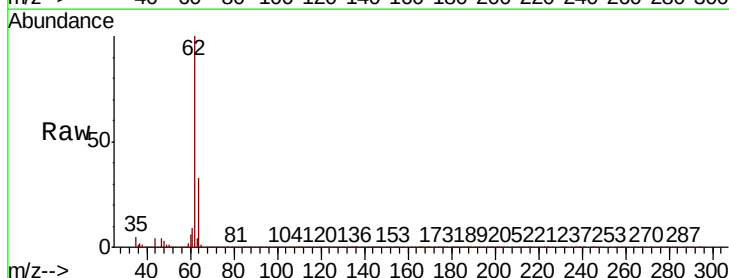
Acq: 07 Dec 2019 16:35

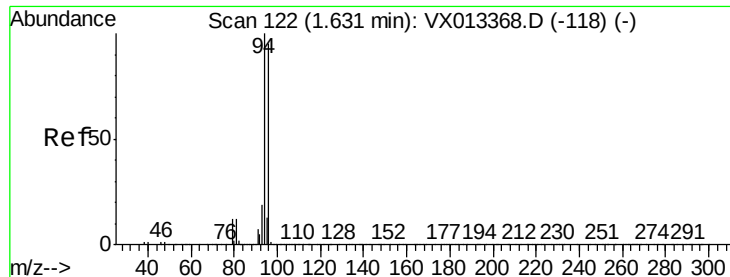
Tgt Ion: 62 Resp: 175031

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 13.206 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 72549

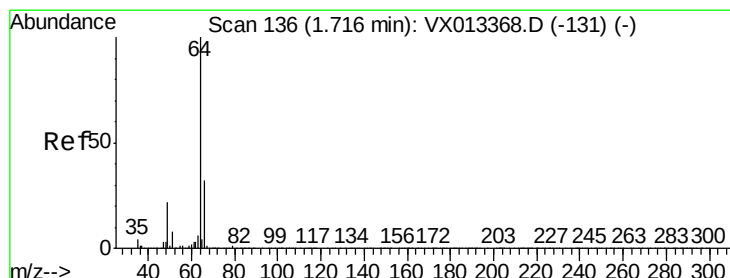
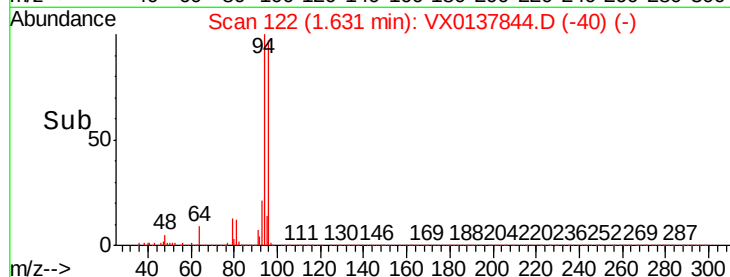
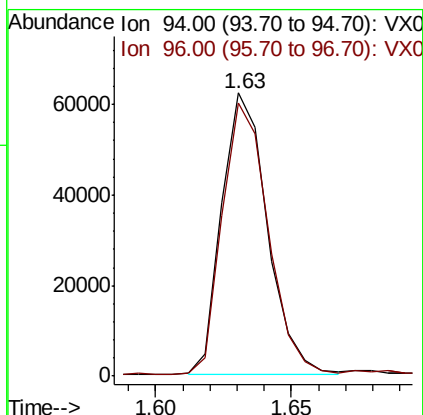
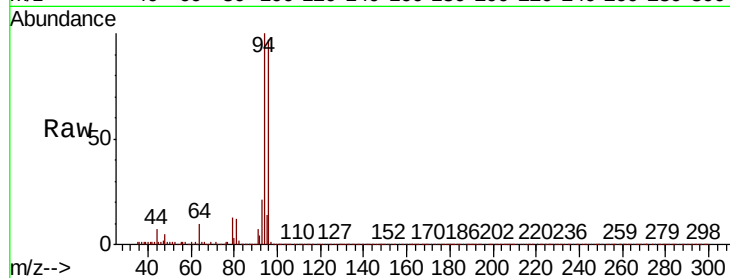
Ion Ratio Lower Upper

94 100

96 96.4 75.7 113.5

Manual Integrations
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#6

Chloroethane

Concen: 19.428 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX0137844.D

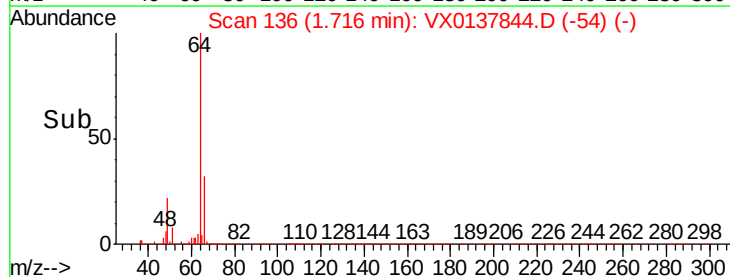
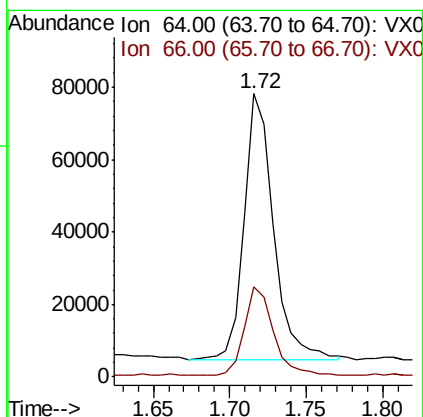
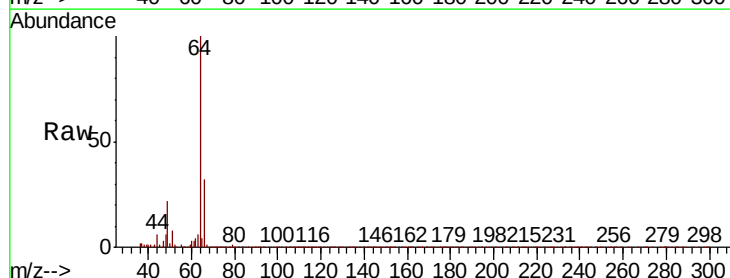
Acq: 07 Dec 2019 16:35

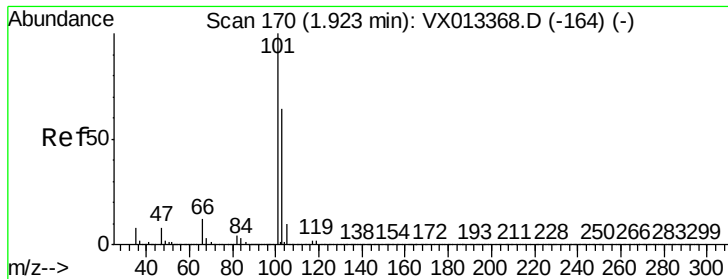
Tgt Ion: 64 Resp: 97589

Ion Ratio Lower Upper

64 100

66 33.4 25.5 38.3





#7

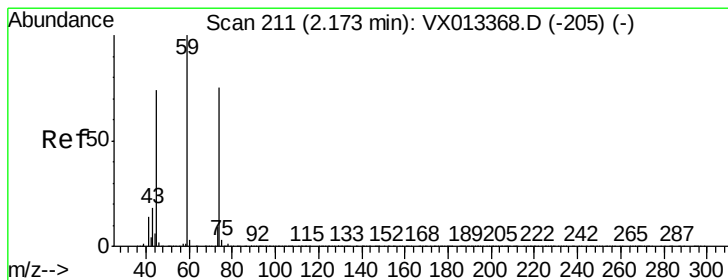
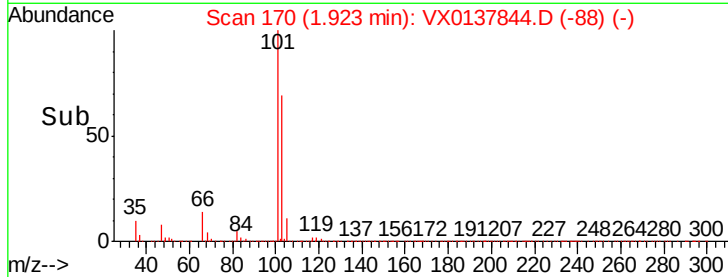
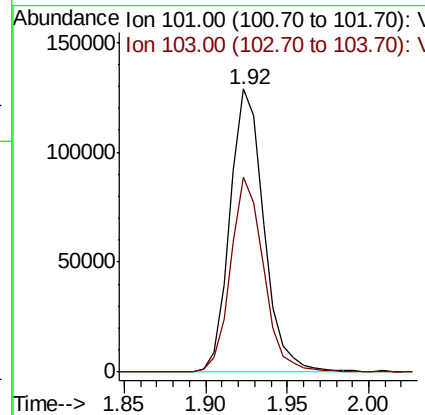
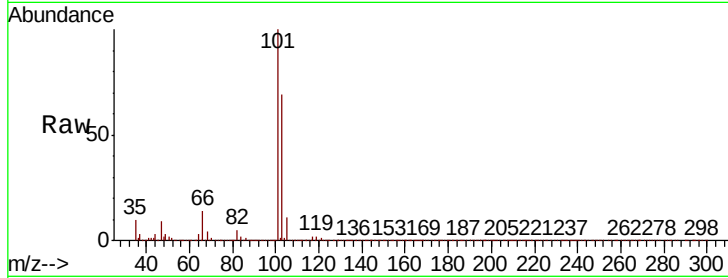
Trichlorofluoromethane
 Concen: 18.834 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
101	100	185286		
103	68.6	51.2	76.8	

Manual Integrations
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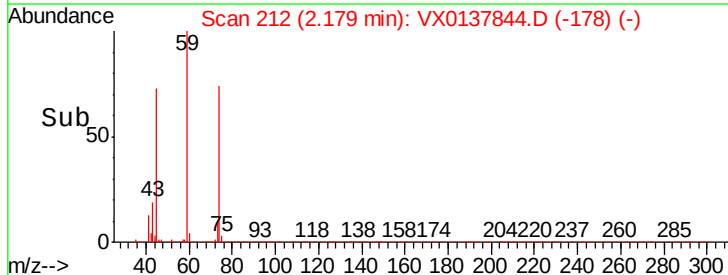
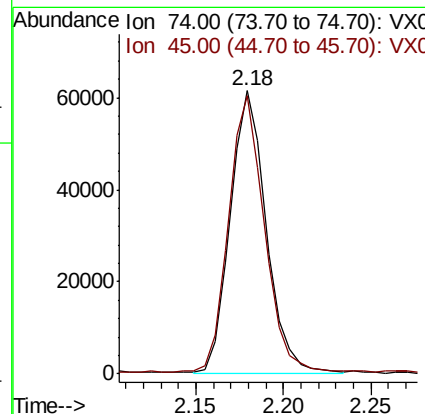
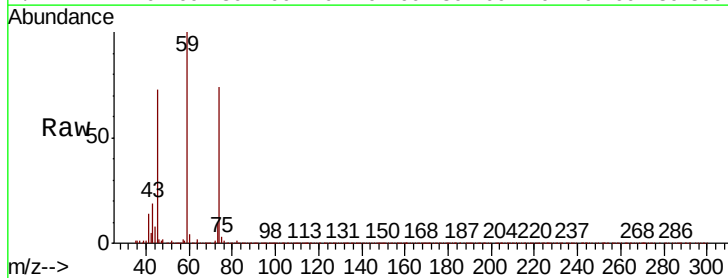
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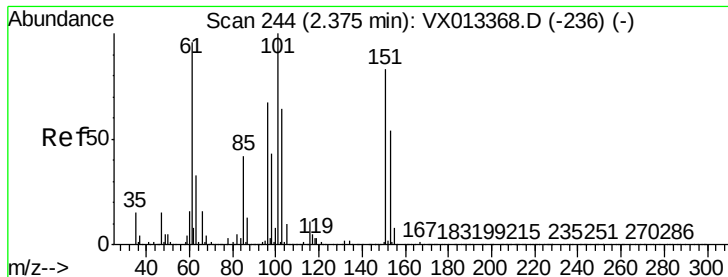


#8

Diethyl Ether
 Concen: 19.547 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	87802		
45	98.3	19.5	175.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.996 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

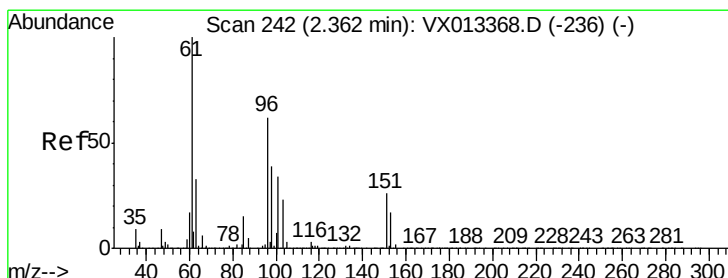
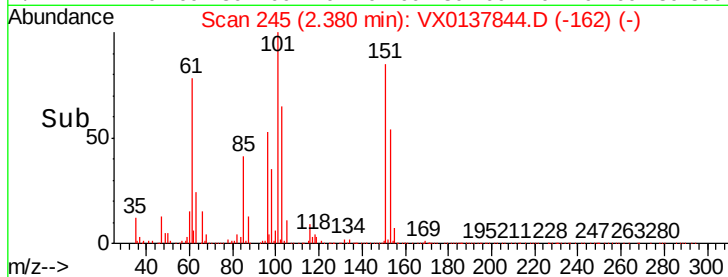
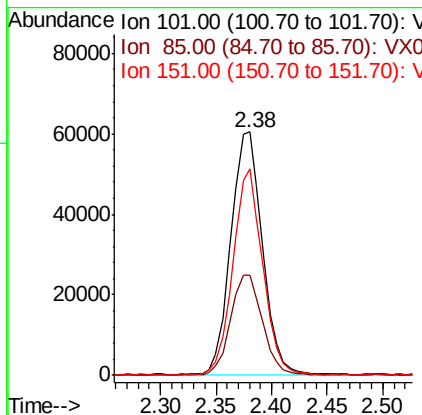
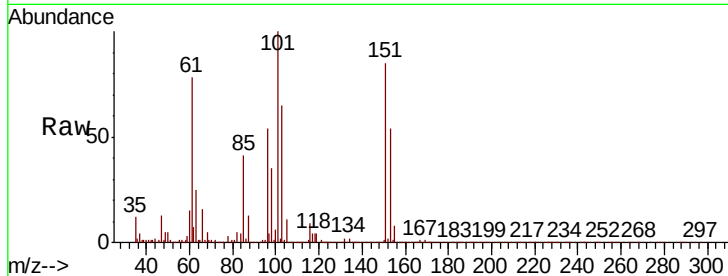
MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	118355
Ion Ratio	Lower	Upper	
101	100		
85	40.8	0.0	83.2
151	80.1	0.0	163.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.428 ug/l

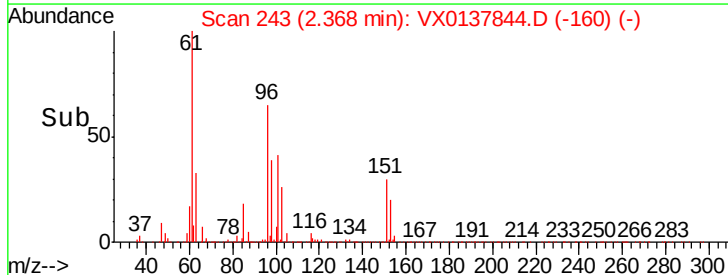
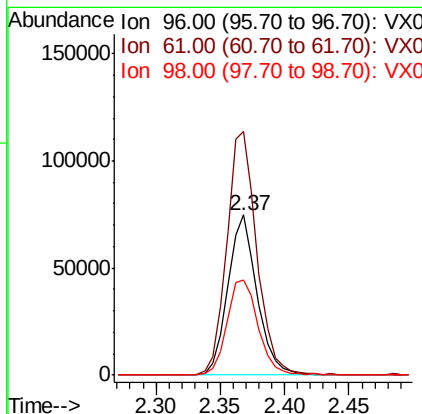
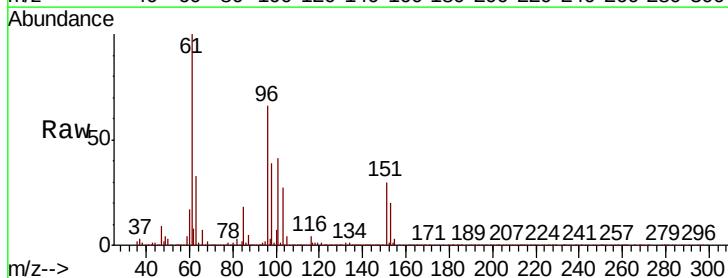
RT: 2.37 min Scan# 243

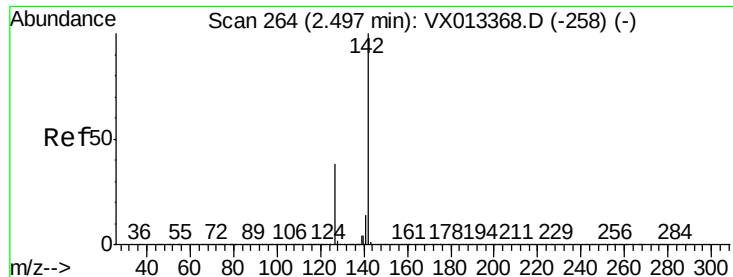
Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion:	96	Resp:	118170
Ion Ratio	Lower	Upper	
96	100		
61	152.3	128.9	193.3
98	59.7	49.7	74.5





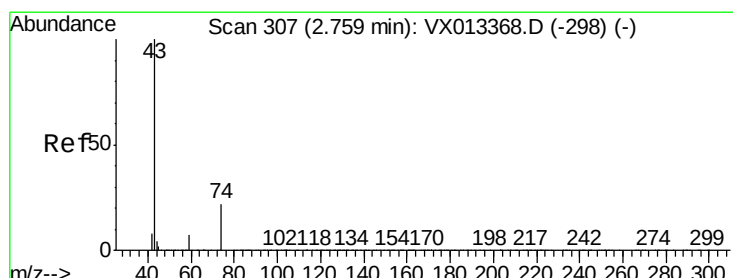
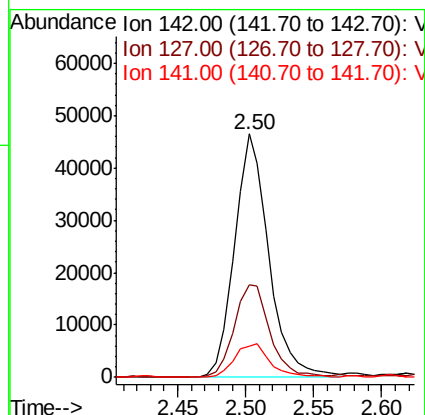
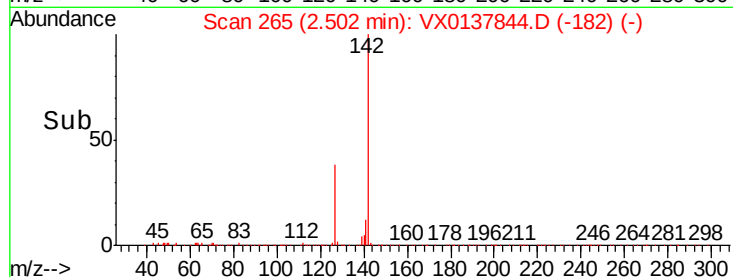
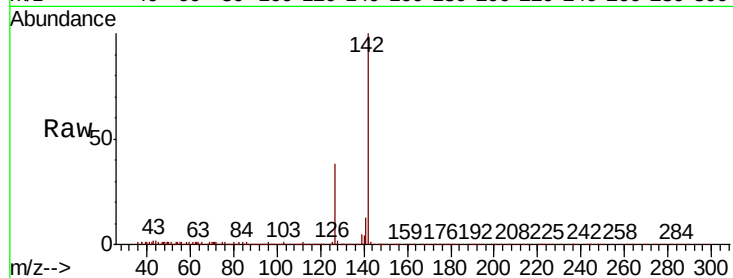
#11
Methyl Iodide
Concen: 10.732 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.7	19.1	57.5
141	12.6	7.0	21.0

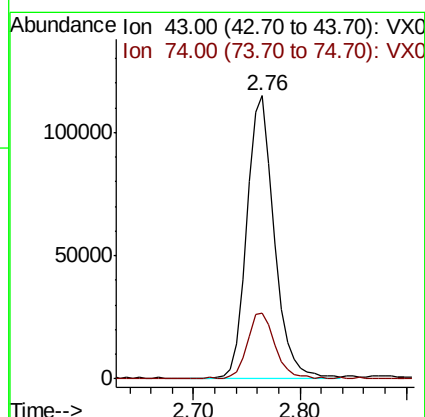
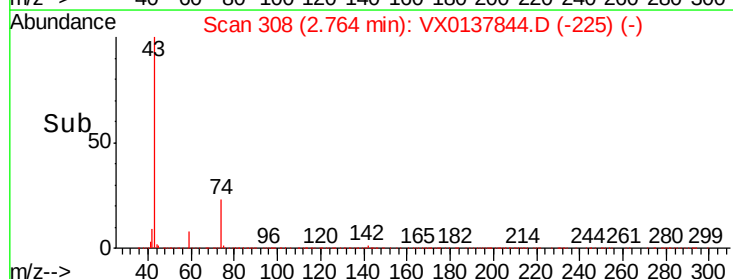
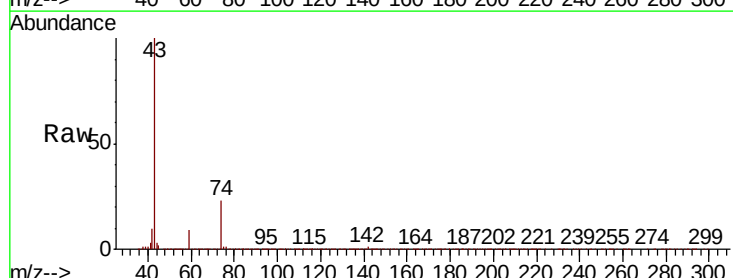
Manual Integrations
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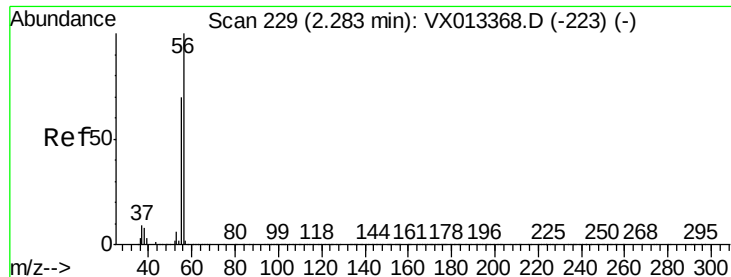
apatel
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#12
Methyl Acetate
Concen: 19.391 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.0	27.0





#13

Acrolein

Concen: 99.061 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

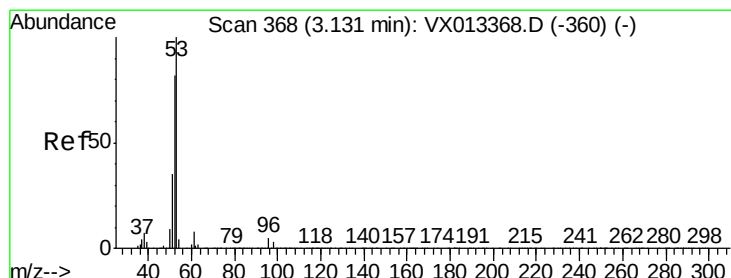
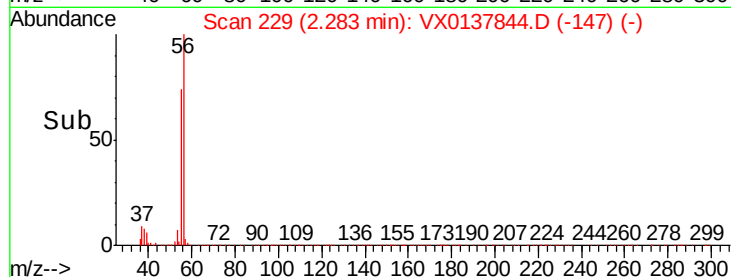
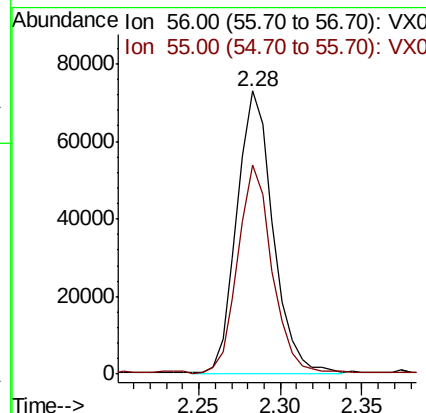
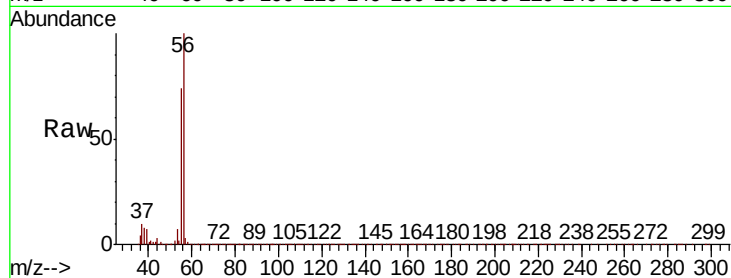
MSVOA_X

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	55.8	83.8

Manual Integrations
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#14

Acrylonitrile

Concen: 90.810 ug/l

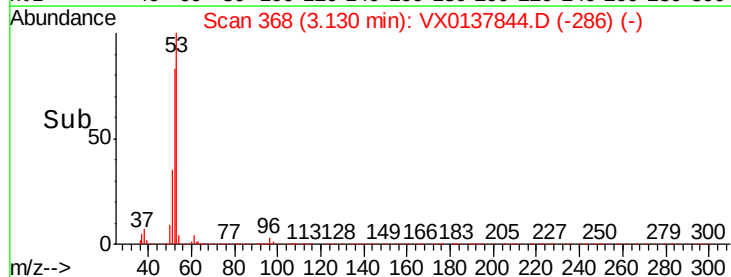
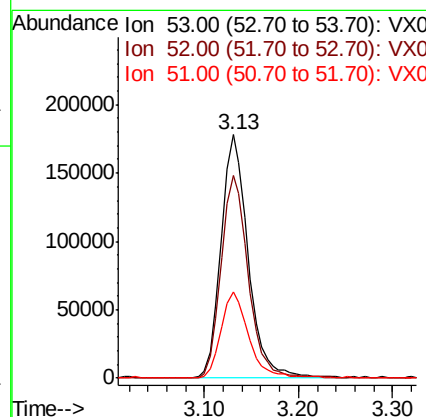
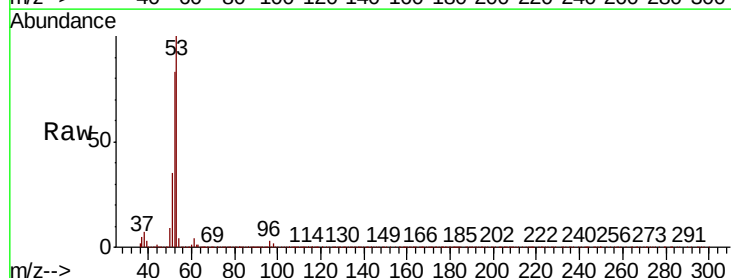
RT: 3.13 min Scan# 368

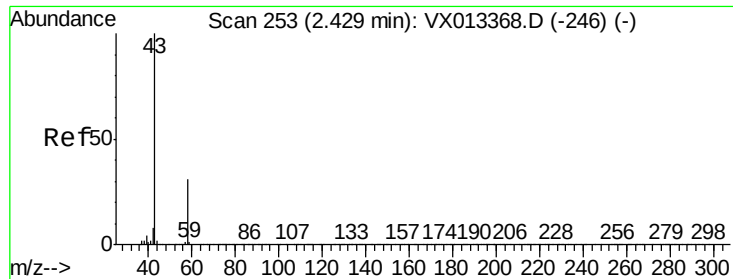
Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.4	41.0	123.0
51	35.7	17.3	51.9





#15

Acetone

Concen: 78.955 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 58 Resp: 93721

Ion Ratio Lower Upper

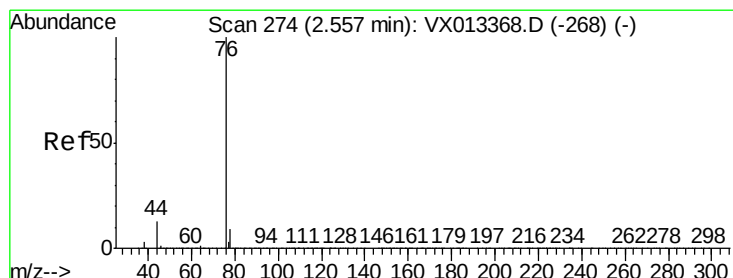
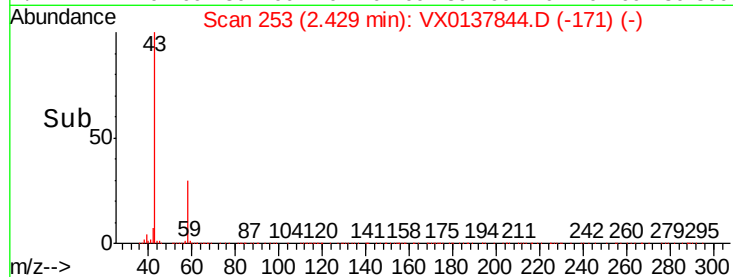
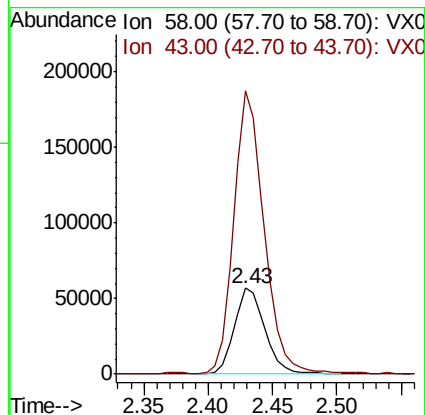
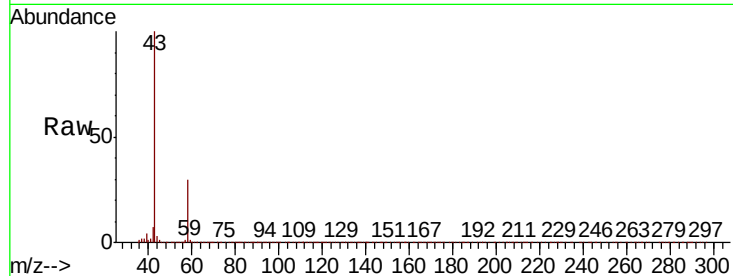
58 100

43 330.5 261.4 392.2

Manual Integrations
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#16

Carbon Disulfide

Concen: 17.921 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX0137844.D

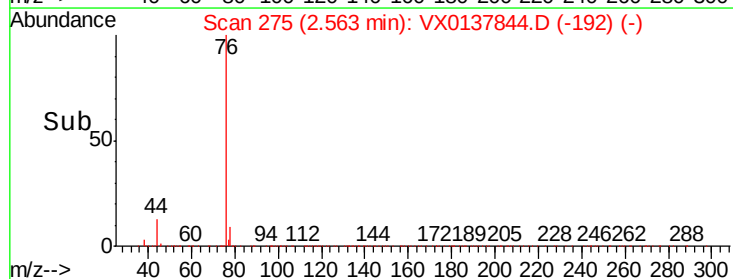
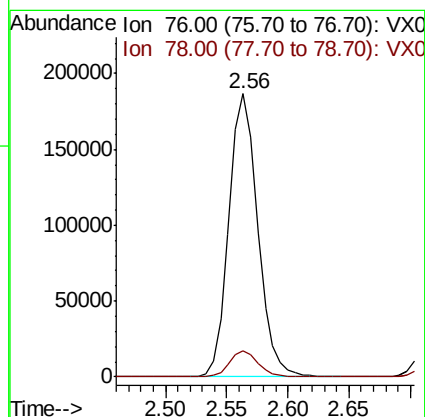
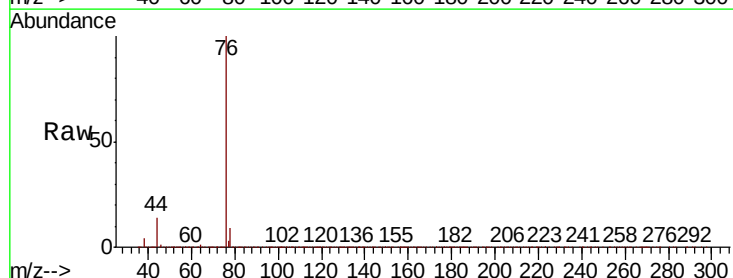
Acq: 07 Dec 2019 16:35

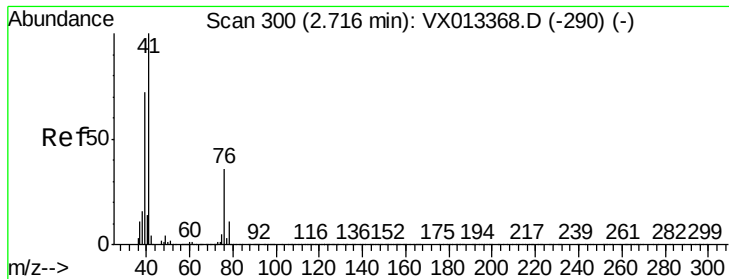
Tgt Ion: 76 Resp: 304029

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





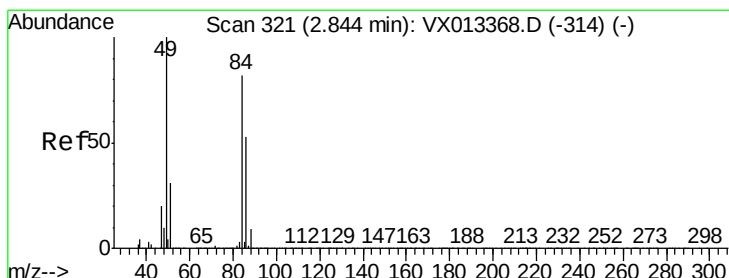
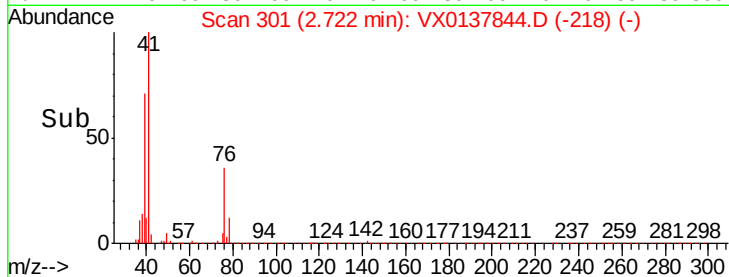
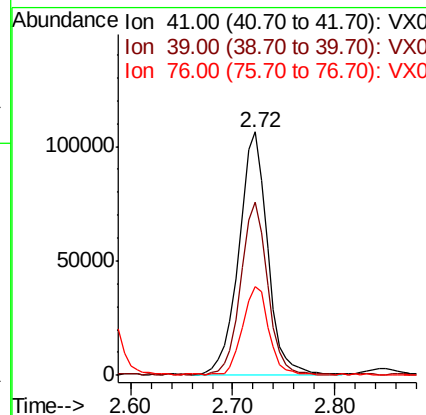
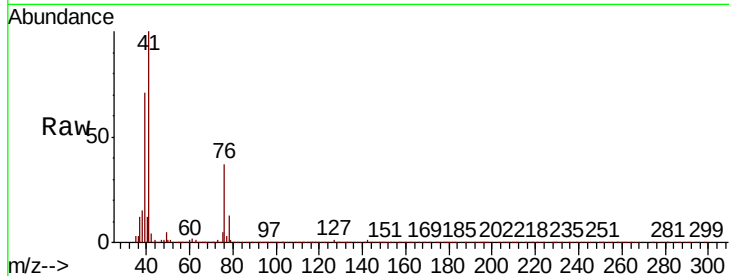
#17
Allvl chloride
Concen: 18.396 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	206058
Ion Ratio	Lower	Upper	
41	100		
39	71.3	36.1	108.3
76	36.1	18.1	54.4

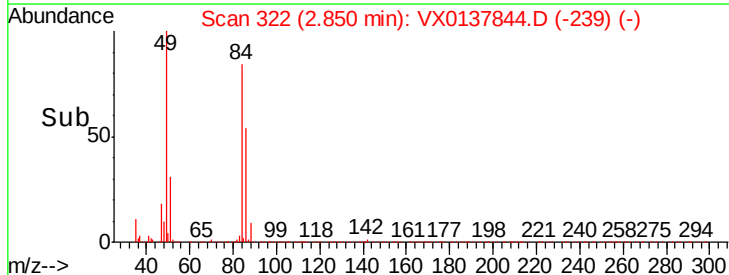
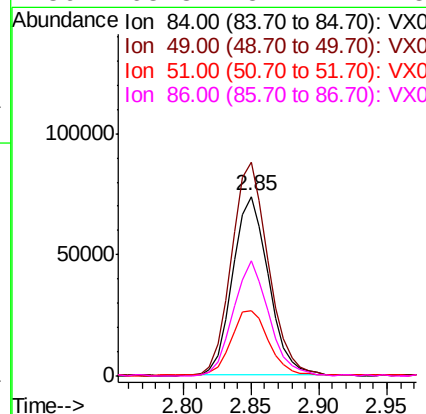
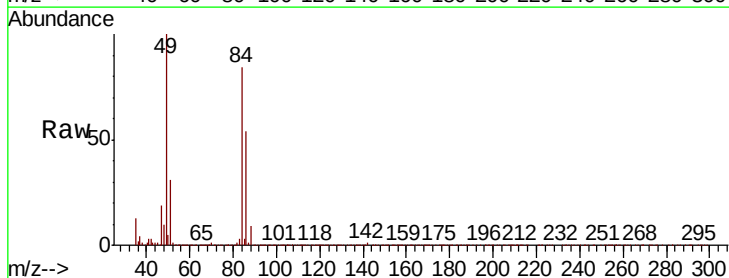
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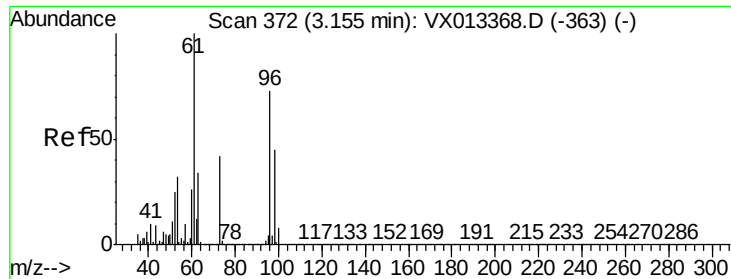
apatel
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#18
Methylene Chloride
Concen: 19.738 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion:	84	Resp:	136214
Ion Ratio	Lower	Upper	
84	100		
49	118.8	96.8	145.2
51	36.0	30.0	45.0
86	63.8	51.7	77.5





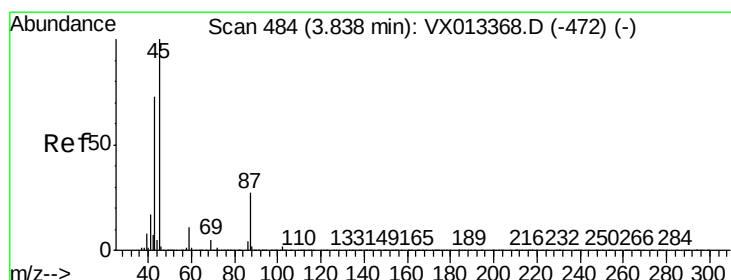
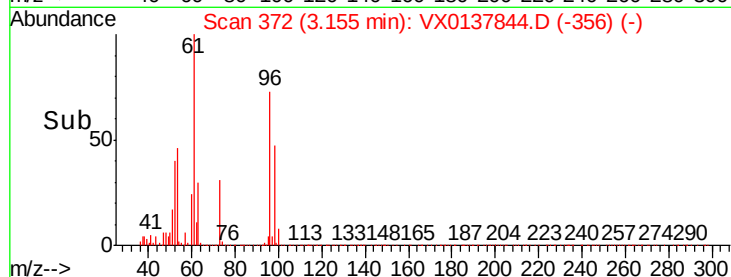
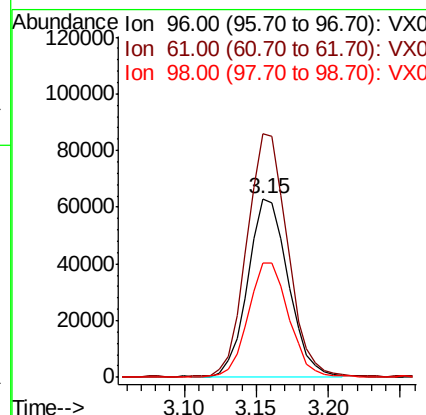
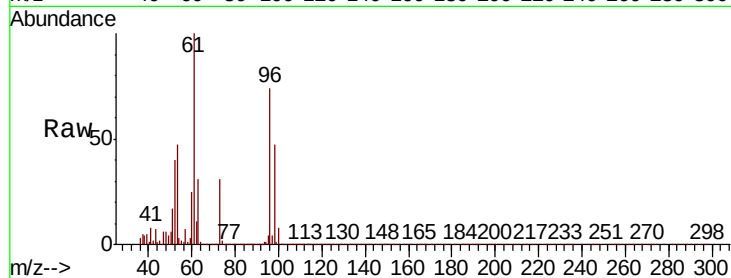
#19
trans-1,2-Dichloroethene
Concen: 18.809 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.6	109.9	164.9
98	64.0	49.7	74.5

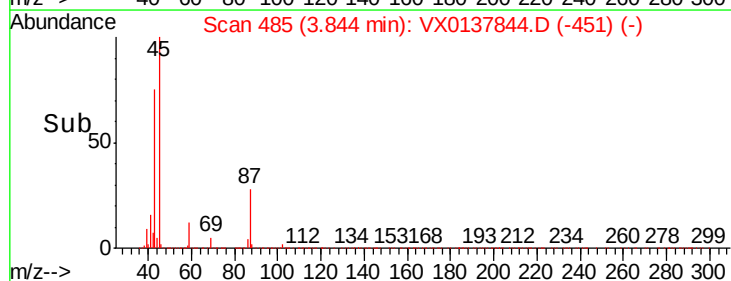
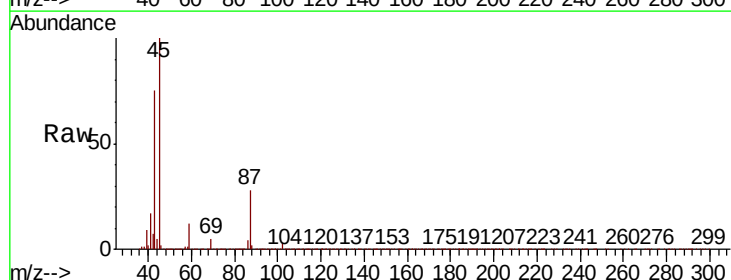
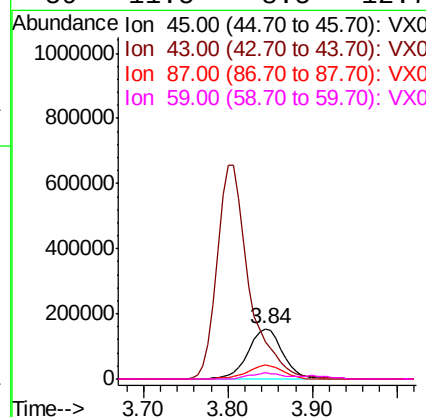
Manual Integrations
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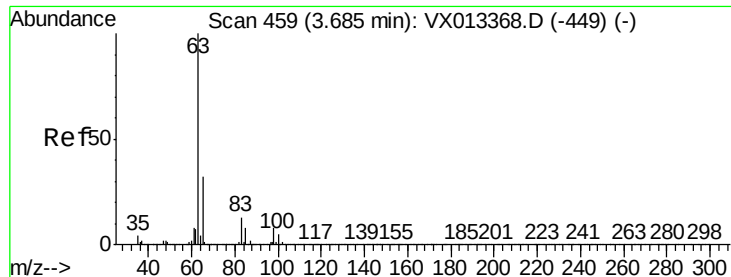
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#20
Diisopropyl ether
Concen: 19.826 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.6	67.7	101.5
87	27.6	21.5	32.3
59	11.5	8.5	12.7





#21

1,1-Dichloroethane

Concen: 19.646 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

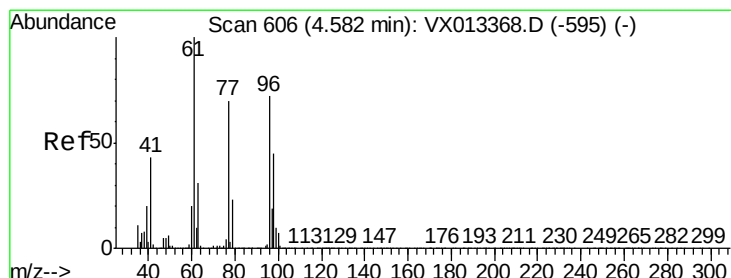
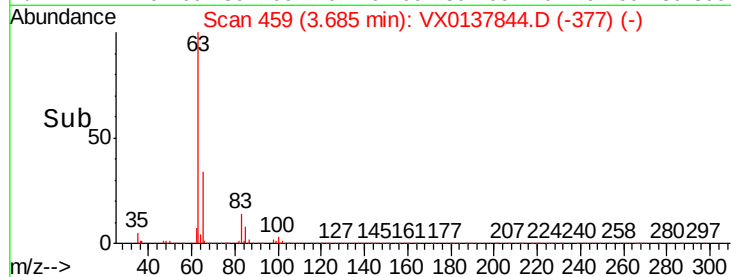
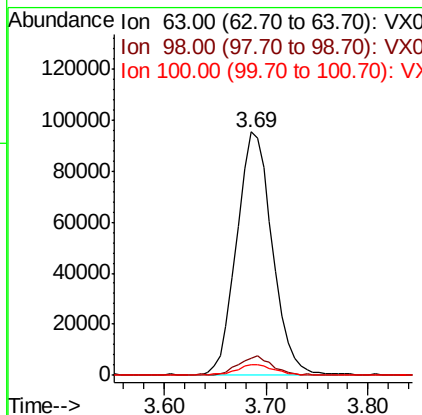
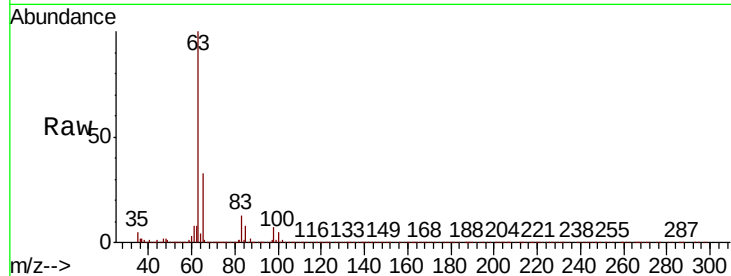
MSVOA_X

ClientSampled :

Tot Ion	63	Resp	230598
Ion Ratio	Lower	Upper	
63	100		
98	6.9	4.0	11.9
100	4.4	2.5	7.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.429 ug/l

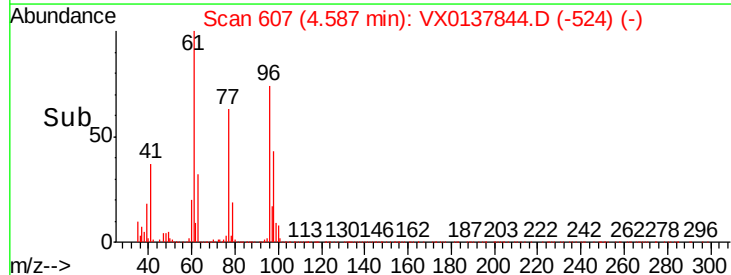
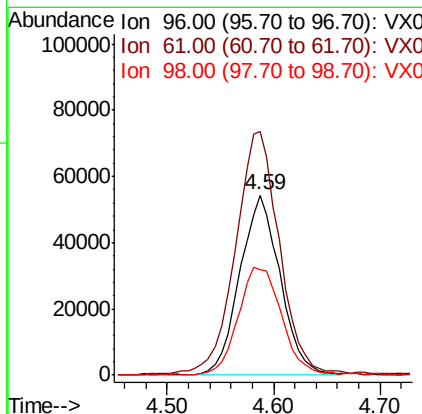
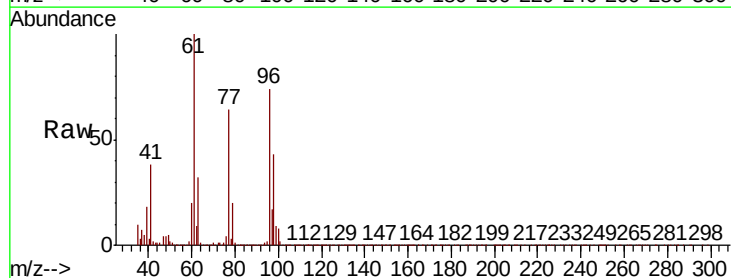
RT: 4.59 min Scan# 607

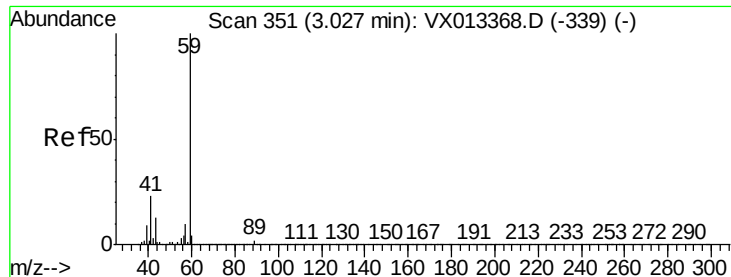
Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion	96	Resp	143997
Ion Ratio	Lower	Upper	
96	100		
61	145.5	117.0	175.6
98	63.8	51.1	76.7





#23

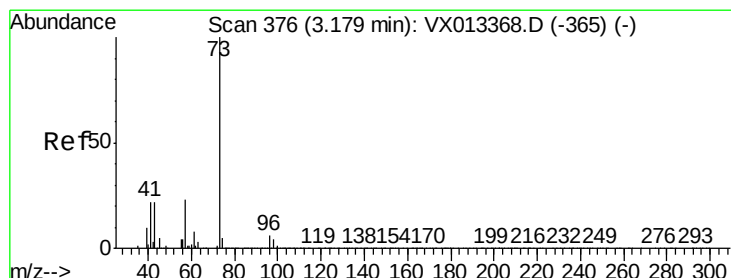
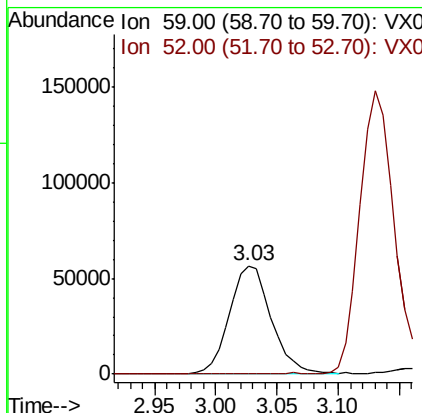
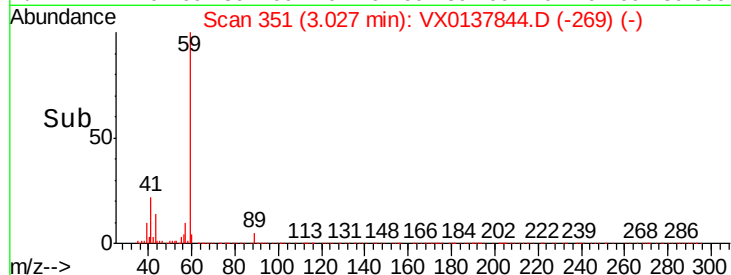
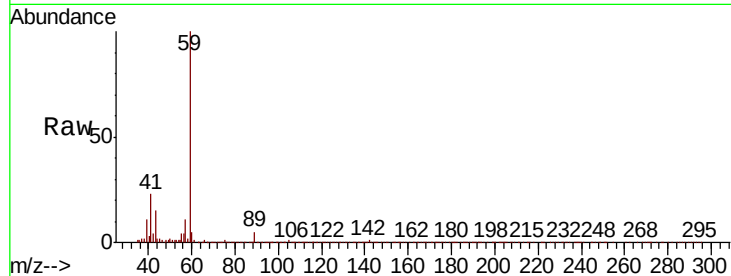
tert-Butyl Alcohol
Concen: 70.590 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.1	0.1

Manual Integrations
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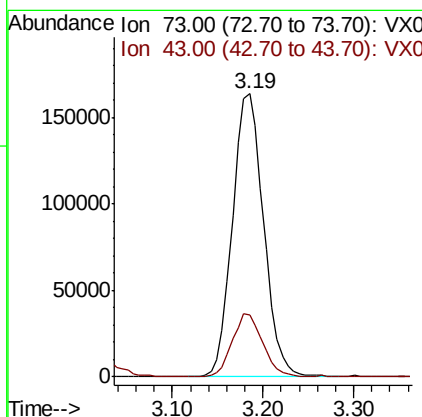
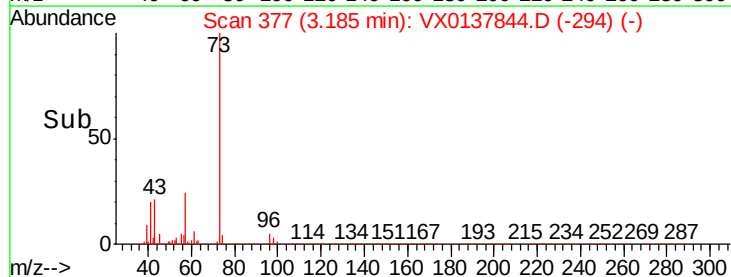
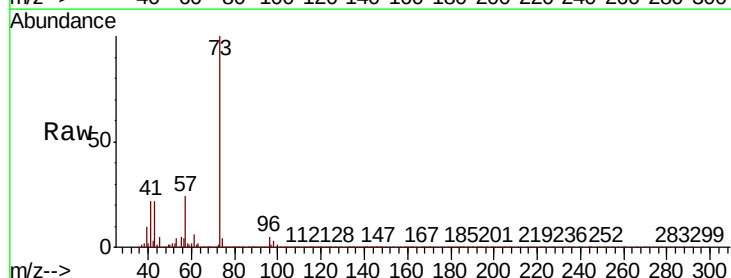
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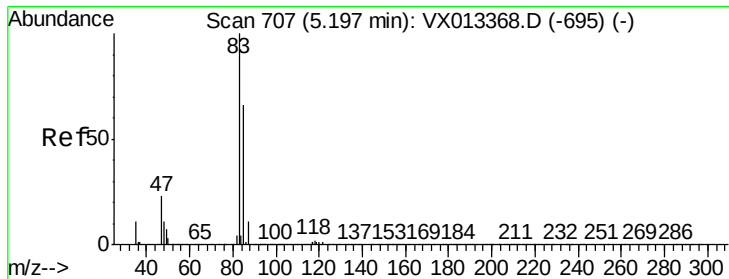


#24

Methyl tert-Butyl Ether
Concen: 19.348 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.4	17.0	25.6





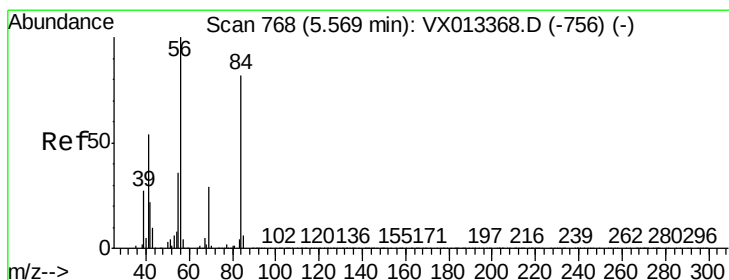
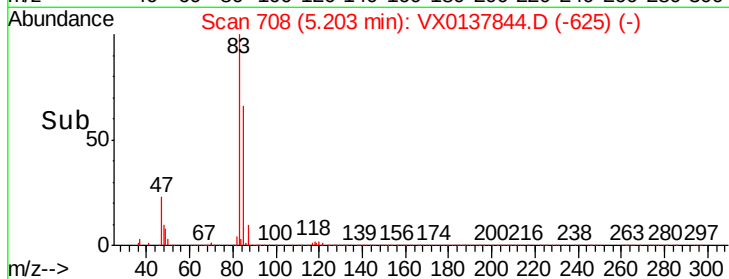
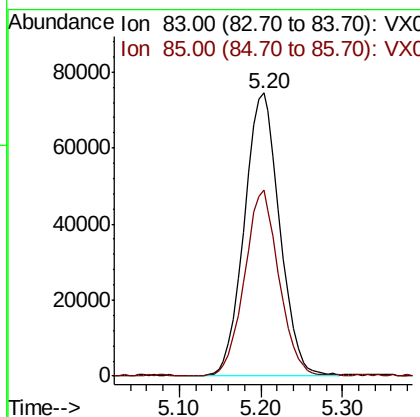
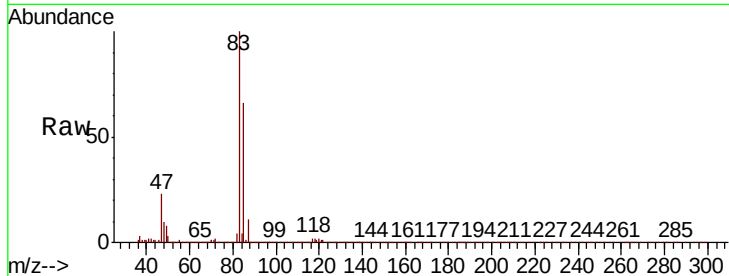
#25
Chloroform
Concen: 19.536 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.4	78.6

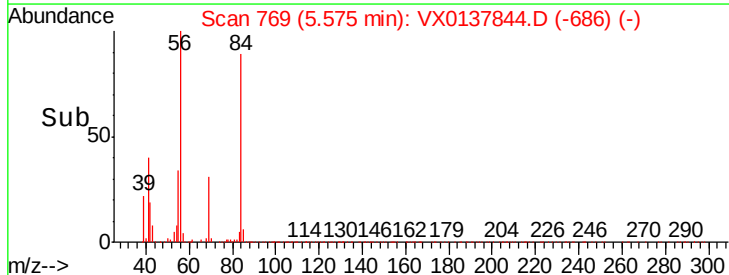
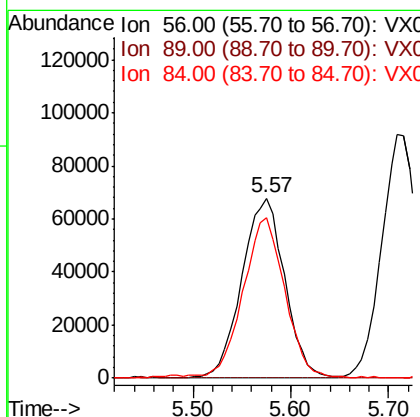
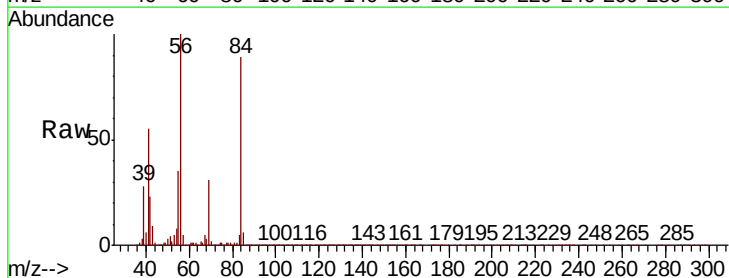
Manual Integrations
APPROVED

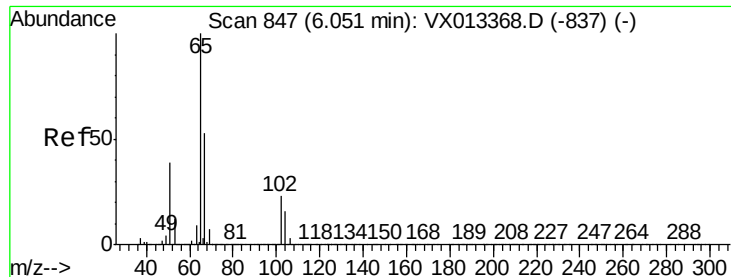
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#26
Cyclohexane
Concen: 19.198 ug/l
RT: 5.57 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0#
84	86.7	70.5	105.7





#27

1,2-Dichloroethane-d4

Concen: 28.590 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 65 Resp: 207919

Ion Ratio Lower Upper

65 100

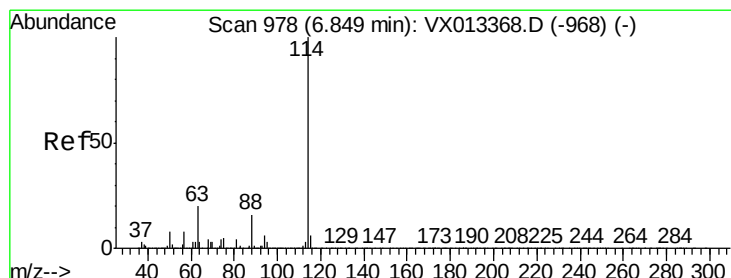
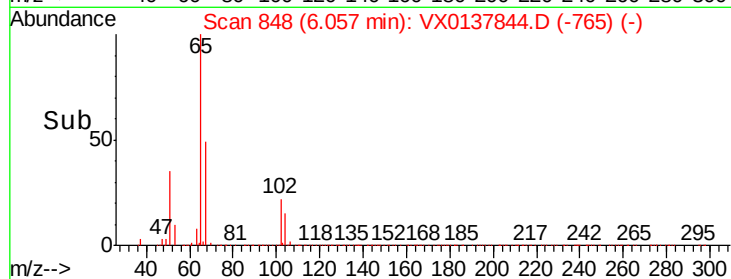
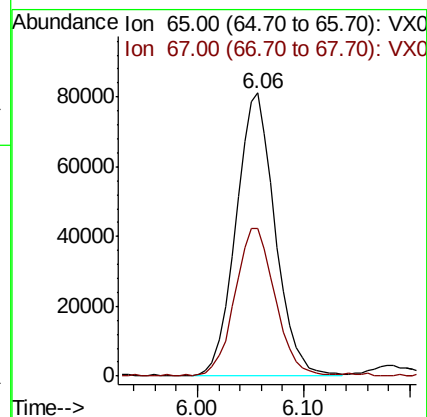
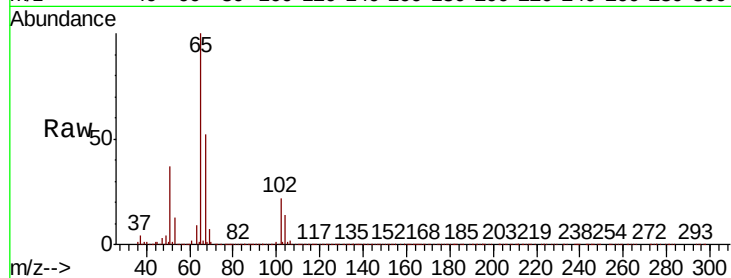
67 53.5 41.0 61.6

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

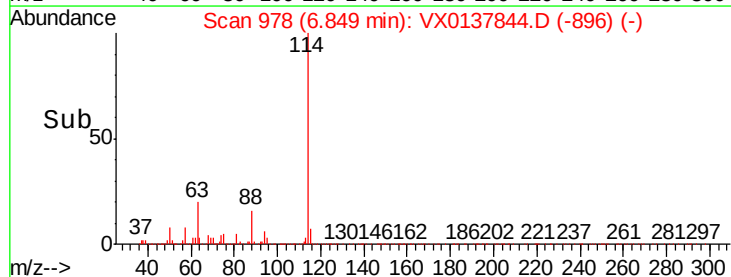
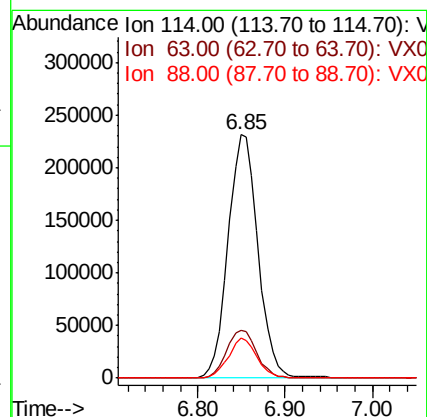
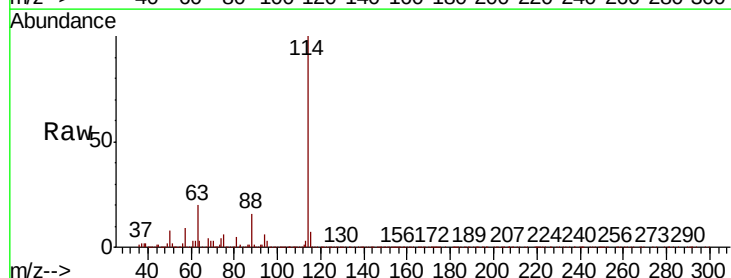
Tgt Ion: 114 Resp: 547153

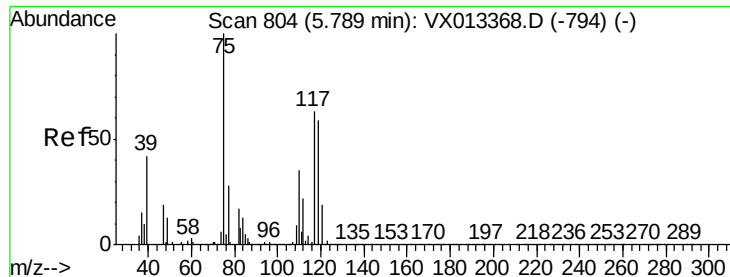
Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

88 15.7 12.3 18.5





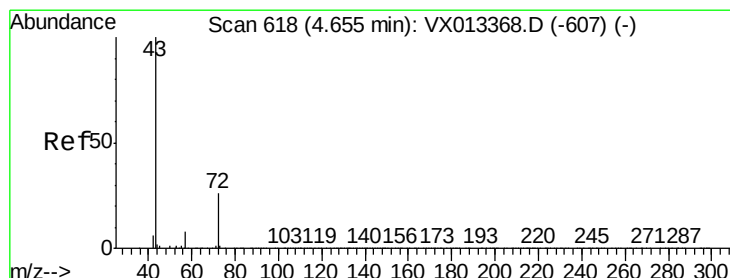
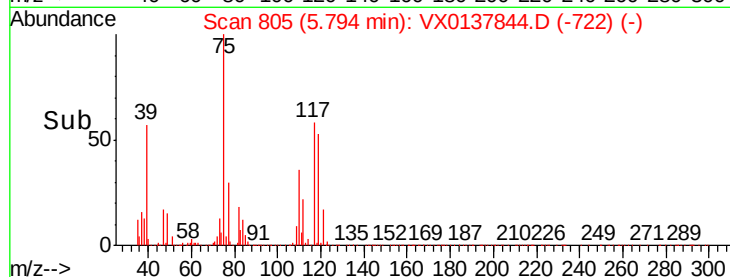
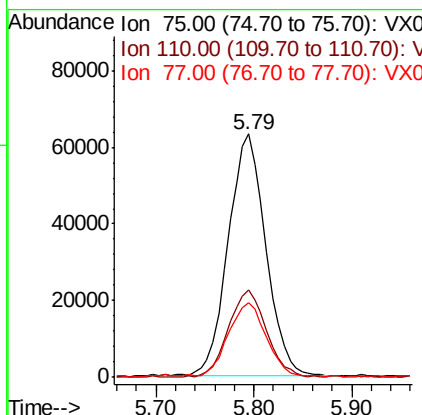
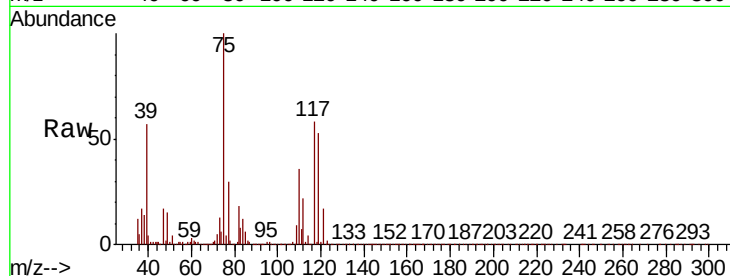
#29
 1,1-Dichloropropene
 Concen: 20.031 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	0.0	74.6
77	31.3	0.0	62.6

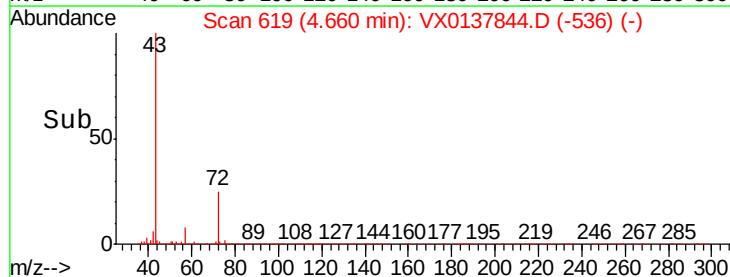
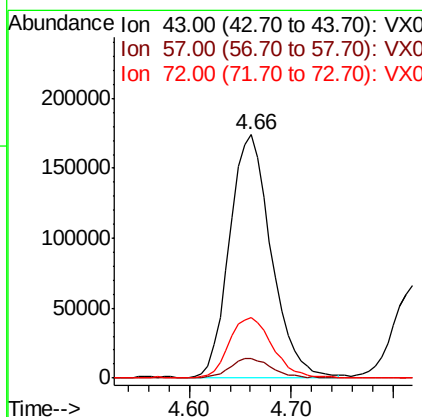
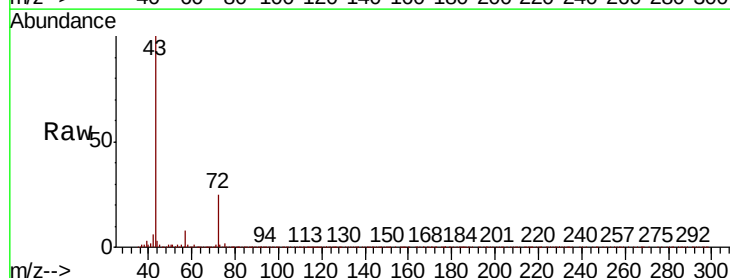
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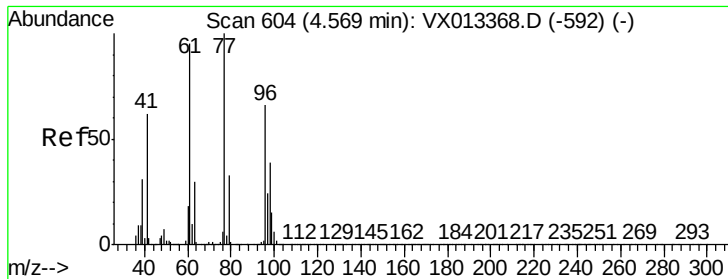
apatel
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#30
 2-Butanone
 Concen: 88.730 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.1	9.1
72	25.2	20.5	30.7





#31

2,2-Dichloropropane

Concen: 19.815 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 77 Resp: 179342

Ion Ratio Lower Upper

77 100

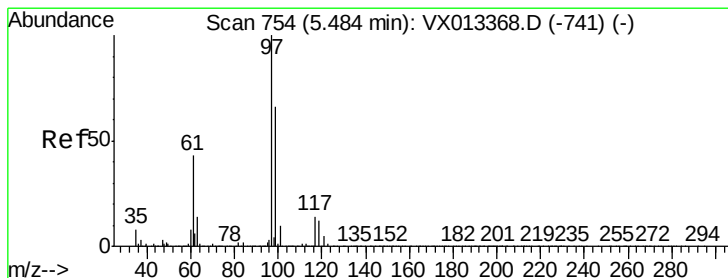
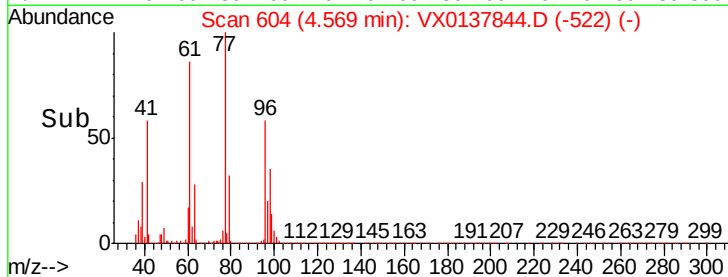
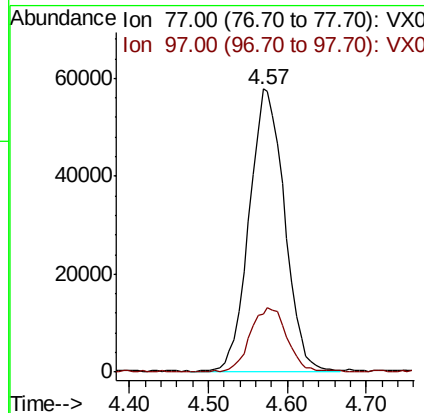
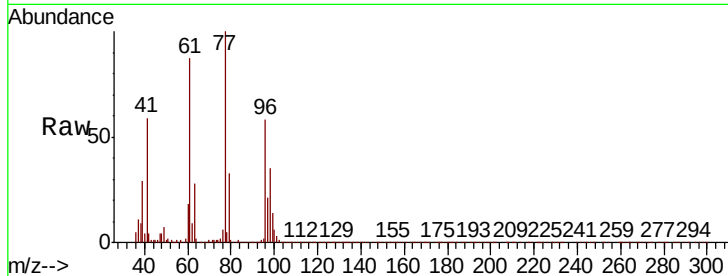
97 23.4 19.2 28.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.070 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

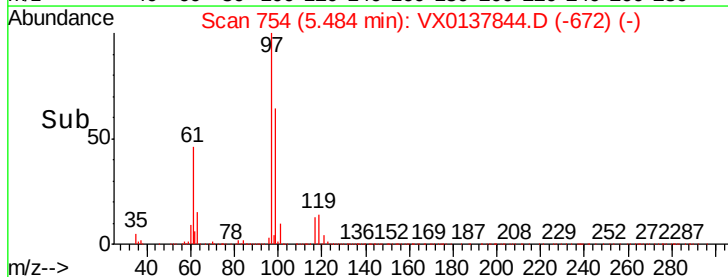
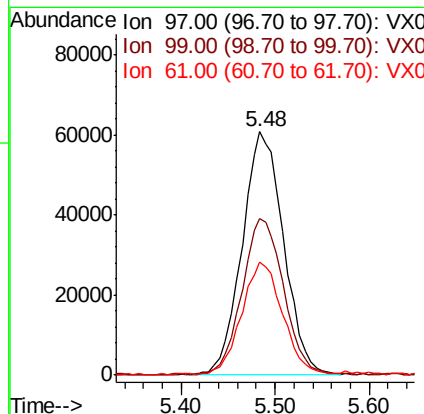
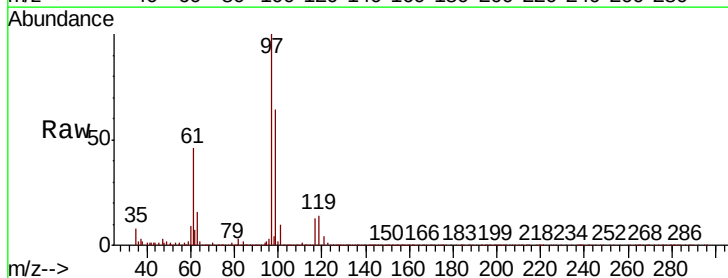
Tgt Ion: 97 Resp: 186426

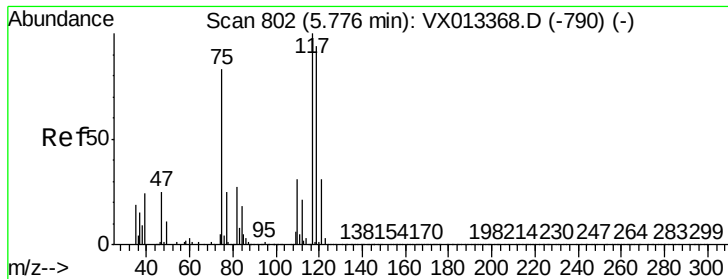
Ion Ratio Lower Upper

97 100

99 64.2 52.5 78.7

61 45.6 36.1 54.1





#33

Carbon Tetrachloride

Concen: 19.586 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

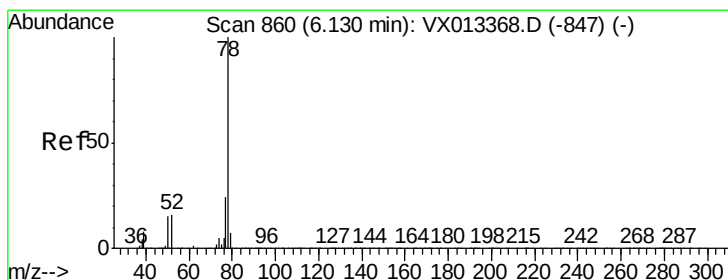
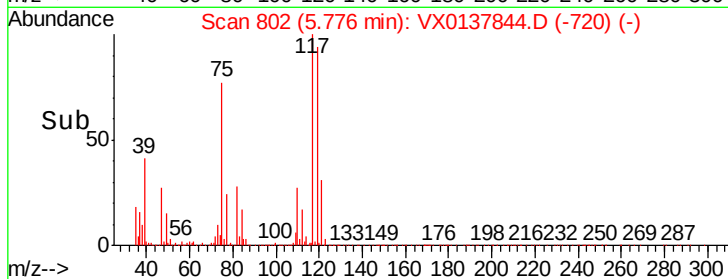
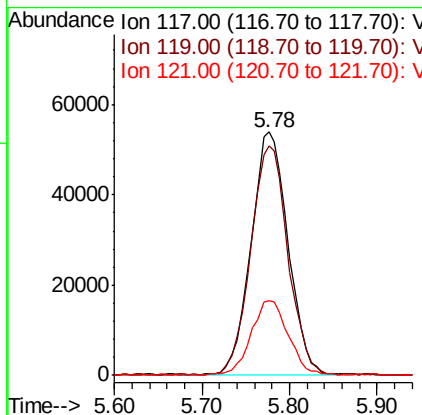
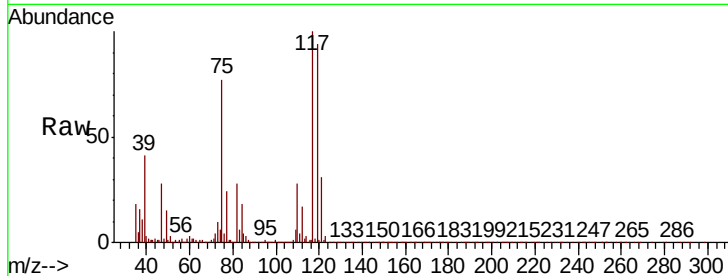
MSVOA_X

ClientSampleId :

Tot Ion:	117	Resp:	158028
Ion Ratio	Lower	Upper	
117	100		
119	94.2	75.0	112.6
121	30.5	24.9	37.3

Manual Integrations
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#34

Benzene

Concen: 20.678 ug/l

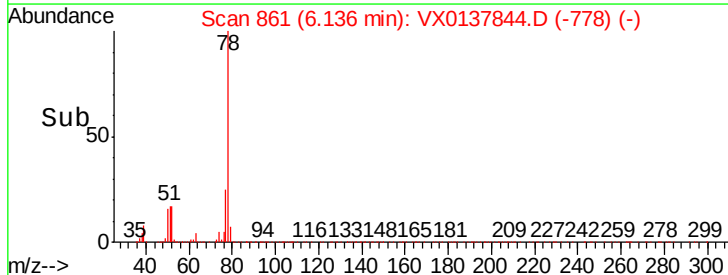
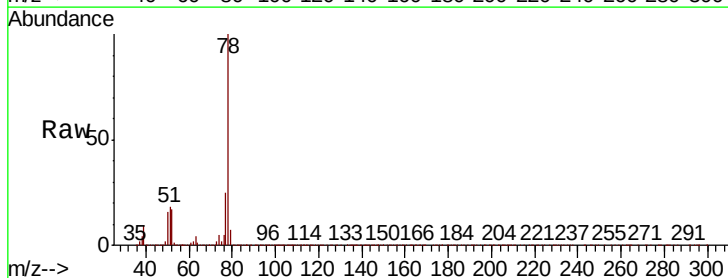
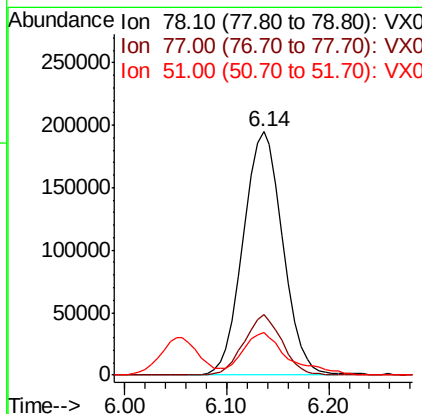
RT: 6.14 min Scan# 861

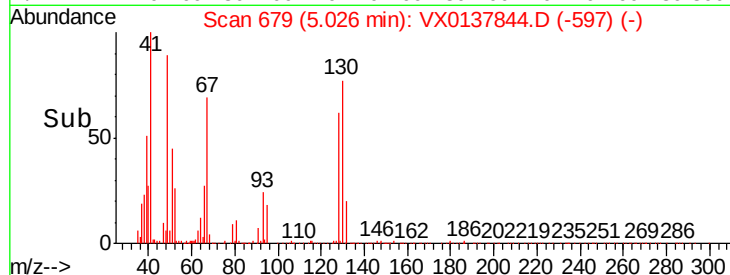
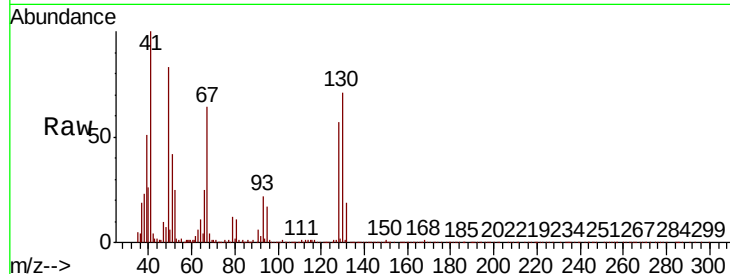
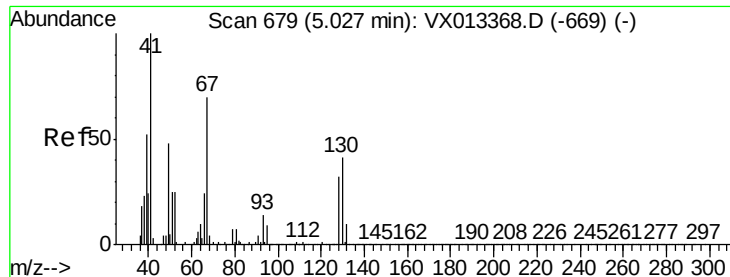
Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

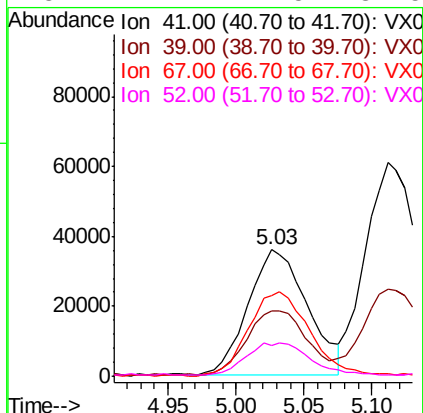
Tgt Ion:	78	Resp:	524173
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.3	28.9
51	16.0	12.2	18.4





#35
Methacrylonitrile
Concen: 19.724 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

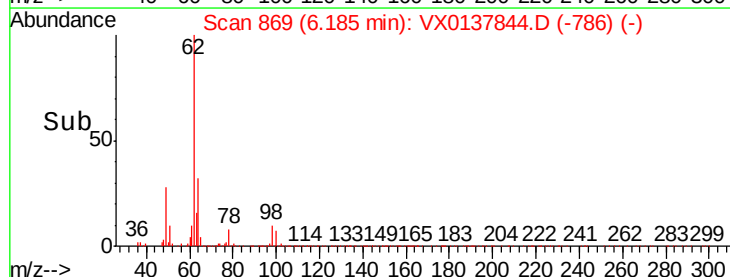
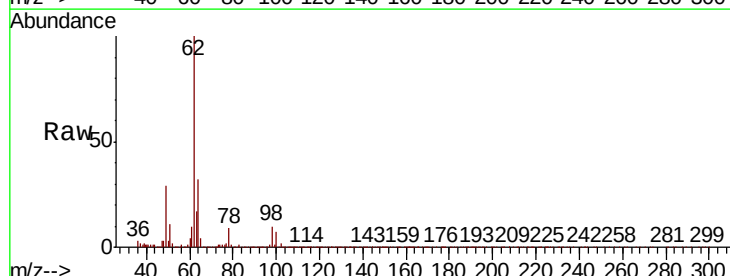
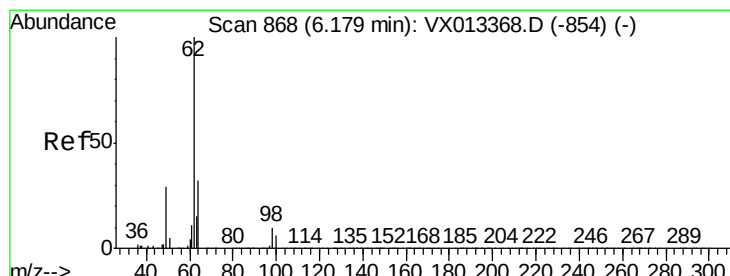
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		108653		
39	49.9	25.9	77.8		
67	64.1	35.1	105.5		
52	24.1	12.5	37.5		



Instrument :
MSVOA_X
ClientSampled :

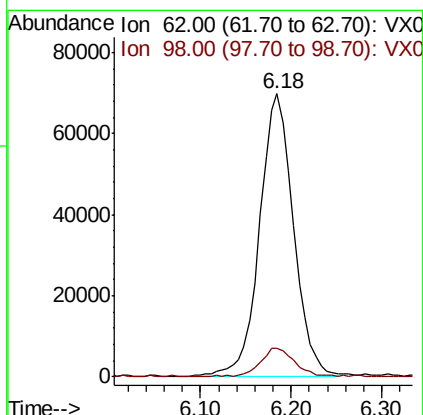
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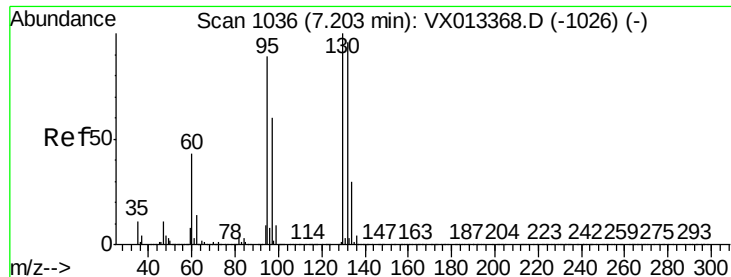
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#36
1,2-Dichloroethane
Concen: 20.290 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		180028		
98	10.0	8.2	12.2		





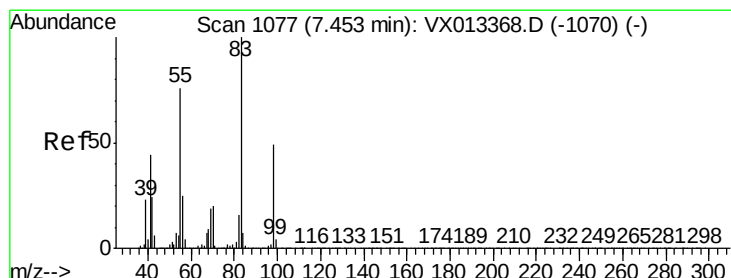
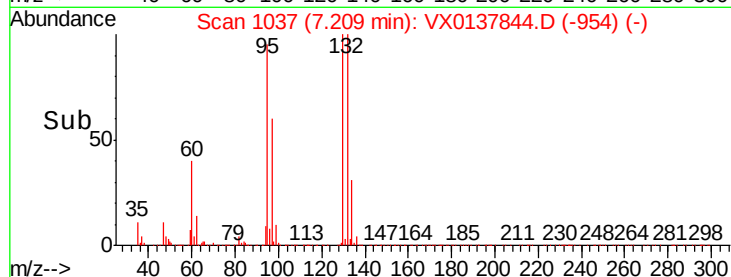
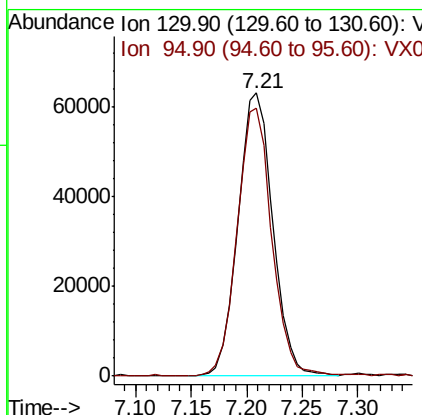
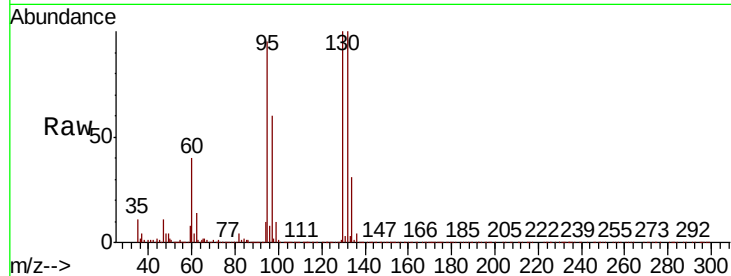
#37
 Trichloroethene
 Concen: 20.145 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
130	100	136801		
95	94.7	71.3	106.9	

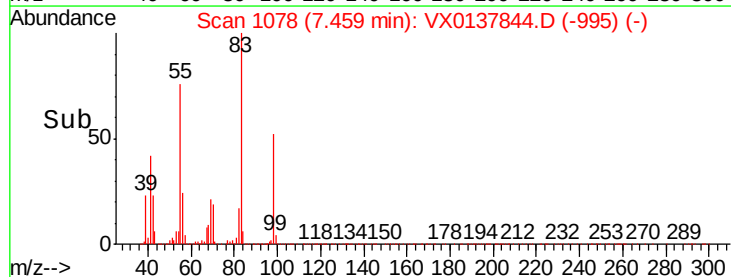
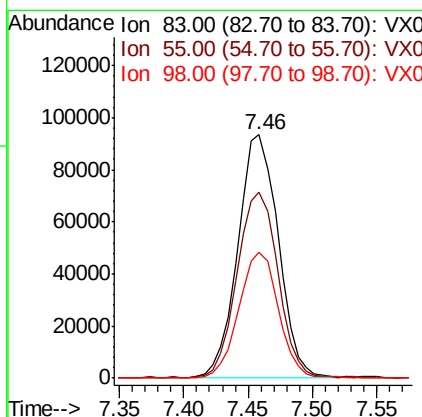
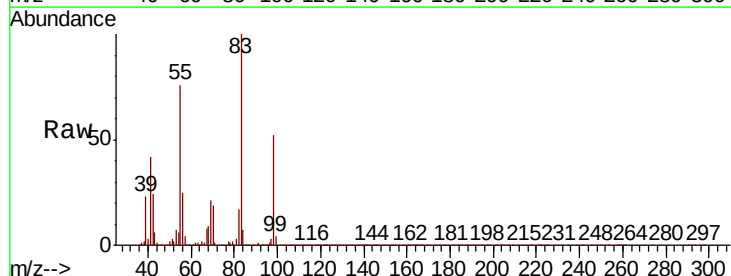
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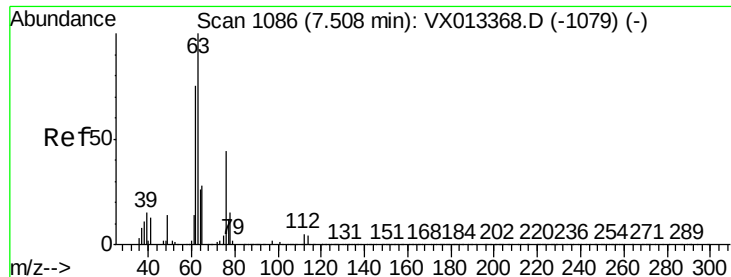
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#38
 Methylcyclohexane
 Concen: 19.766 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	202543		
55	77.3	37.9	113.7	
98	50.5	25.1	75.3	





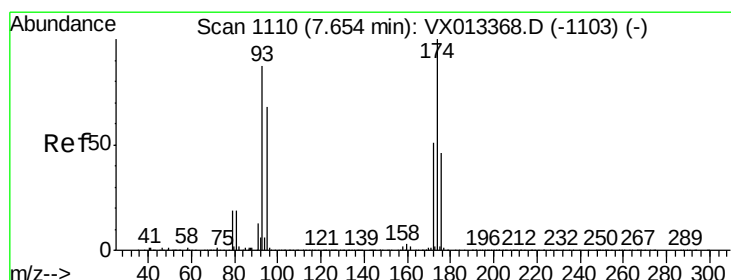
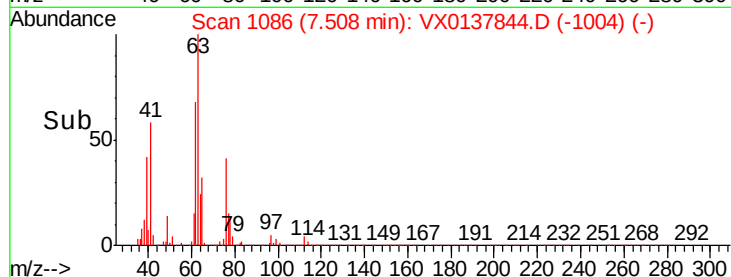
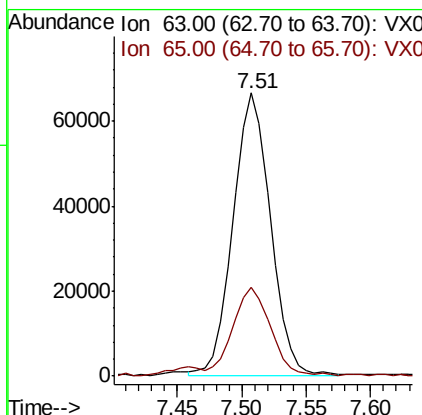
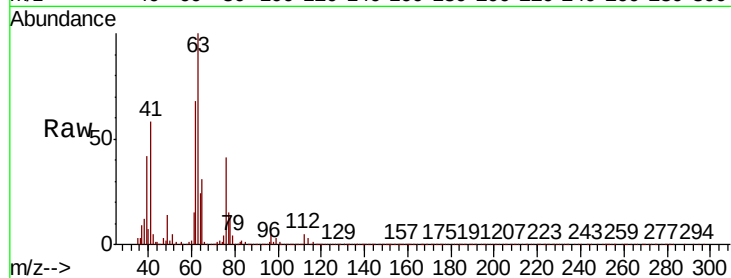
#39
 1,2-Dichloropropane
 Concen: 20.408 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.8	35.8

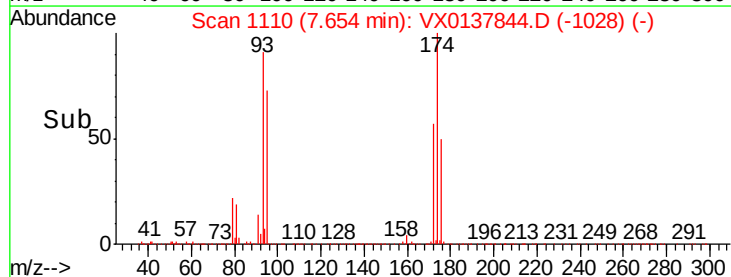
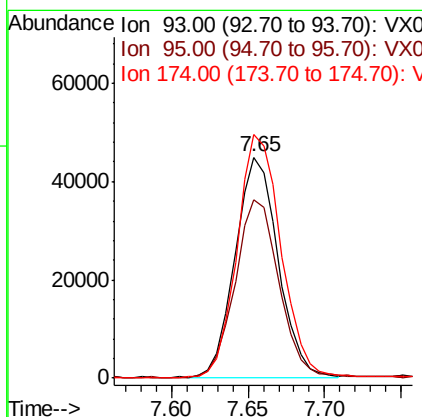
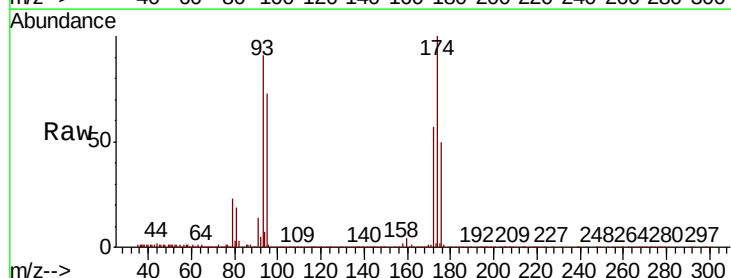
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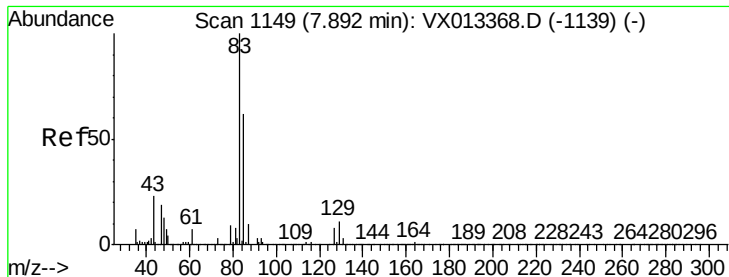
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#40
 Dibromomethane
 Concen: 20.165 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	0.0	160.8
174	111.8	0.0	228.8





#41

Bromodichloromethane

Concen: 19.521 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

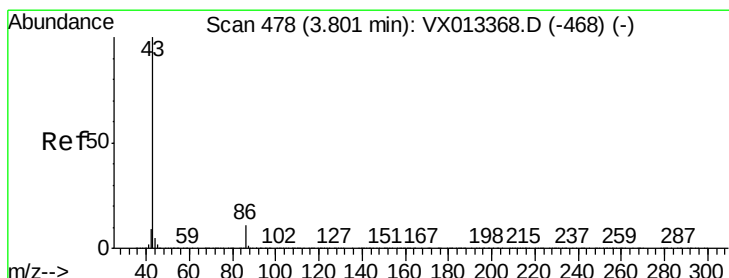
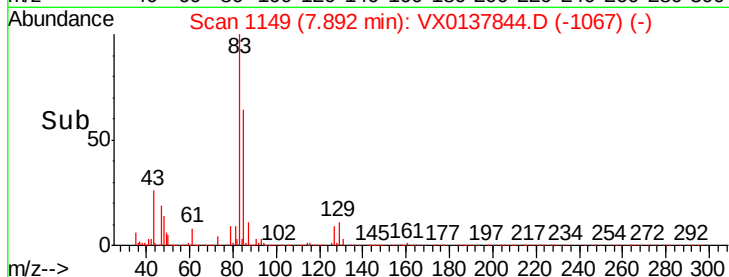
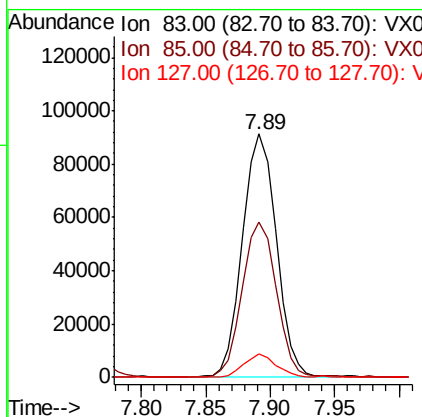
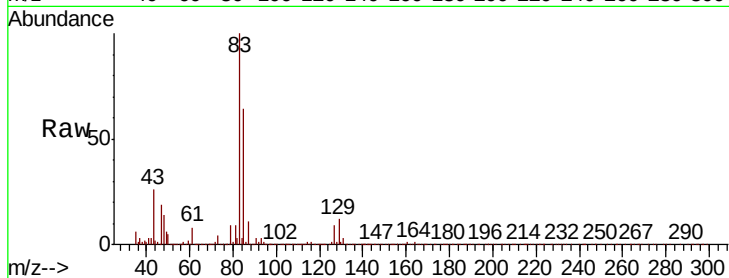
MSVOA_X

ClientSampleId :

Tot Ion:	83	Resp:	166219
Ion Ratio	Lower	Upper	
83	100		
85	63.9	49.3	73.9
127	9.3	6.6	10.0

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#42

Vinyl Acetate

Concen: 99.505 ug/l

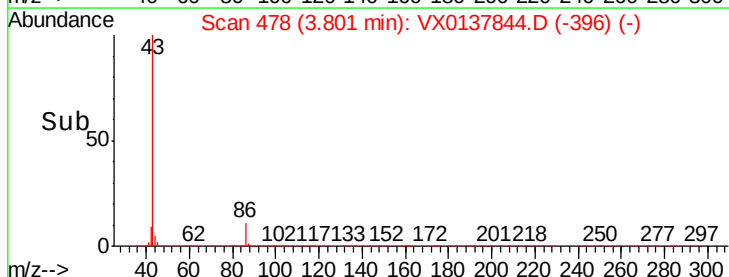
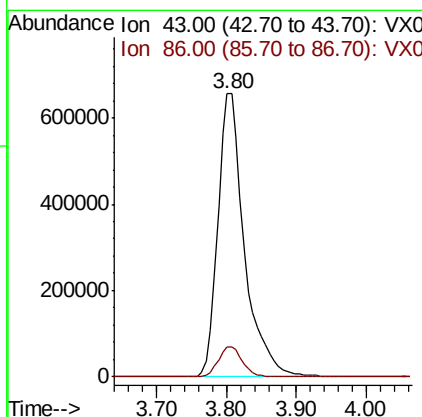
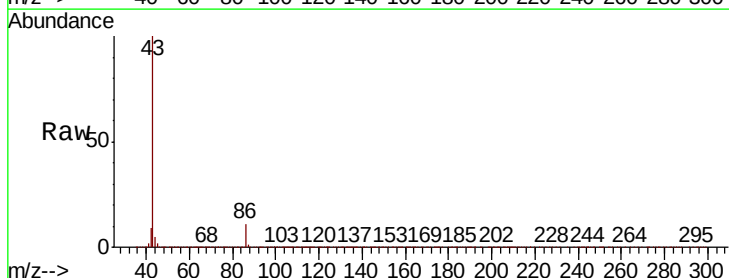
RT: 3.80 min Scan# 478

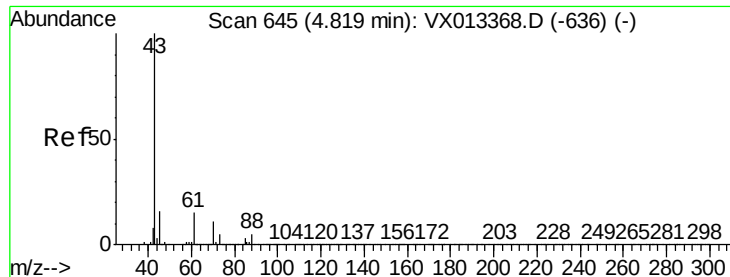
Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion:	43	Resp:	1728103
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.6	11.4





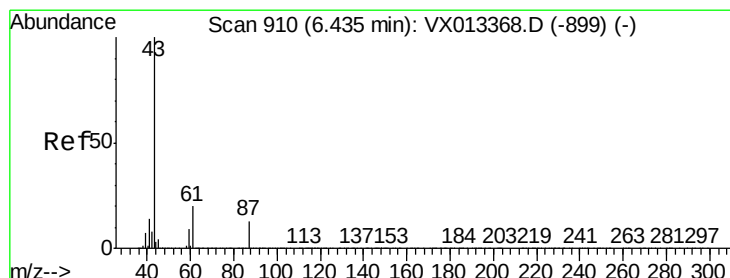
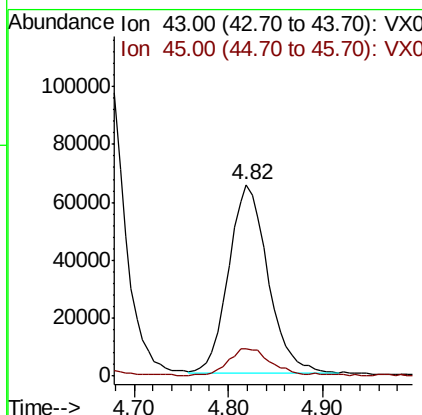
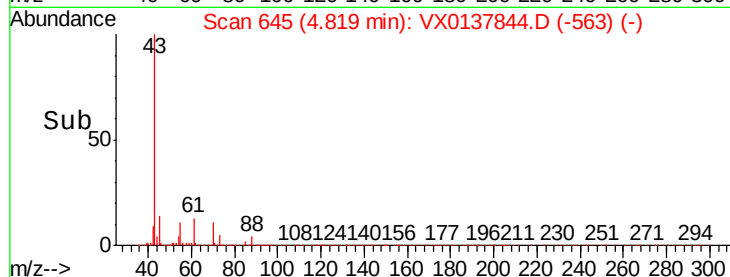
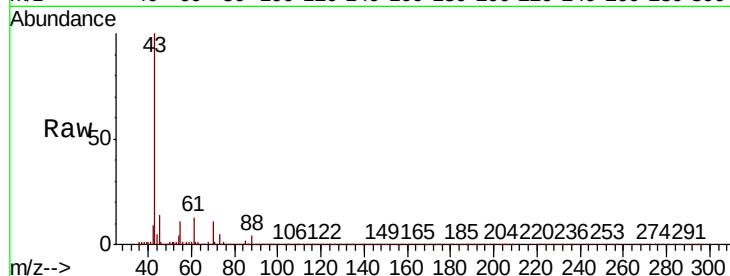
#43
Ethyl Acetate
Concen: 18.741 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.0	10.9	16.3

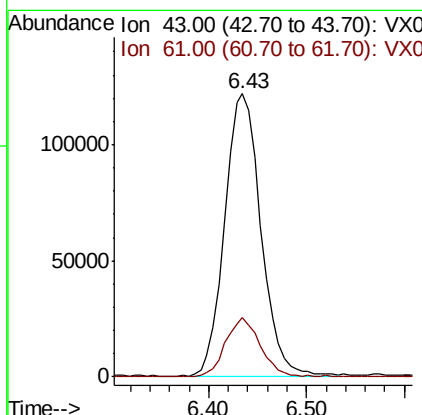
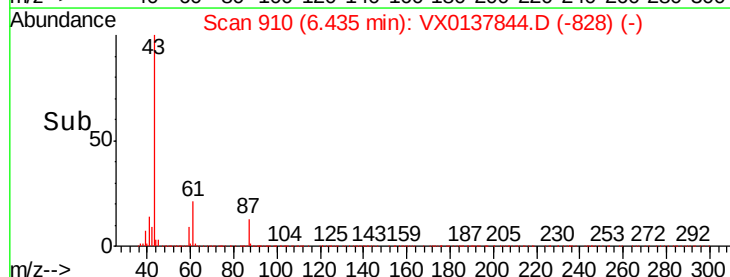
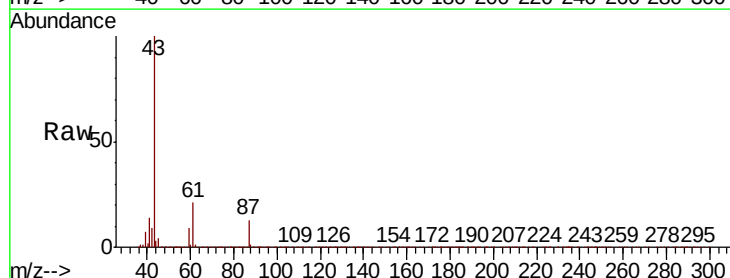
Manual Integrations
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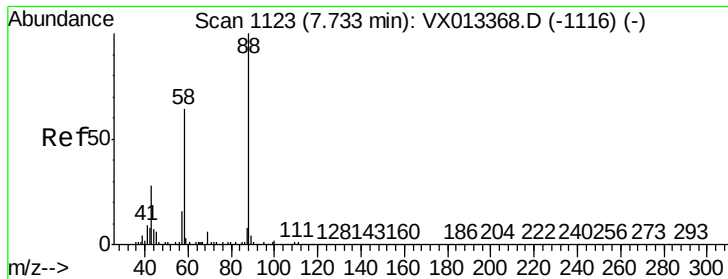
apatel
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#44
Isopropyl Acetate
Concen: 19.319 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.8	23.8





#45

1,4-Dioxane

Concen: 250.005 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

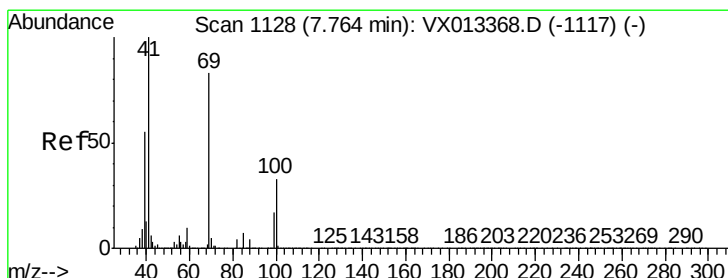
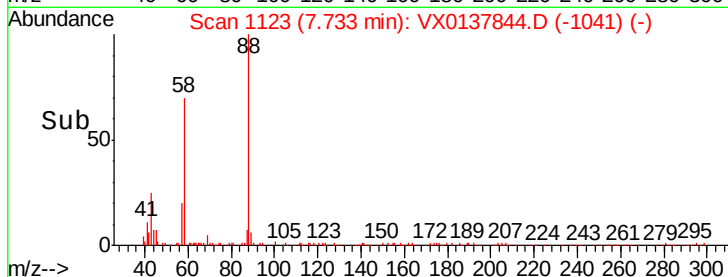
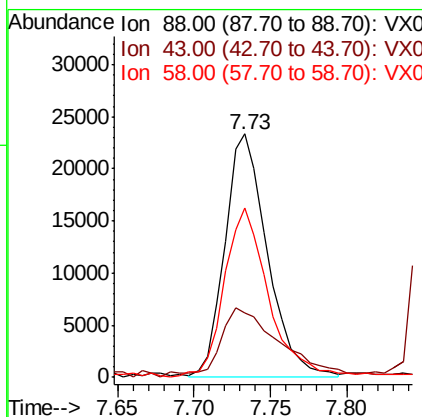
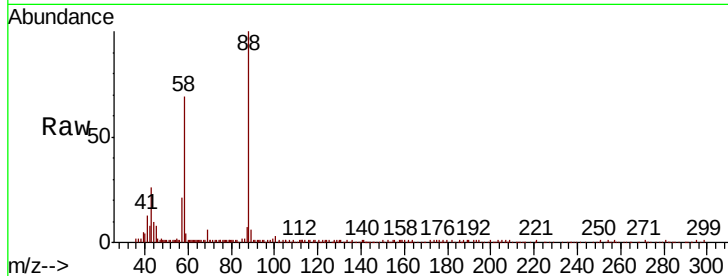
MSVOA_X

ClientSampleId :

Tot Ion:	88	Resp:	44638
Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.1	39.1
58	73.4	55.8	83.8

Manual Integrations
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#46

Methyl methacrylate

Concen: 19.237 ug/l

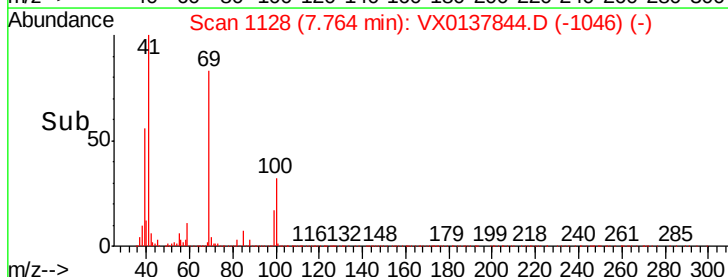
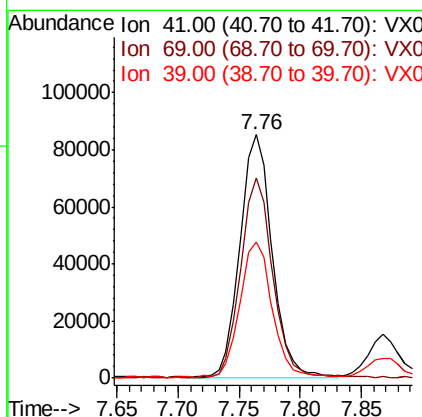
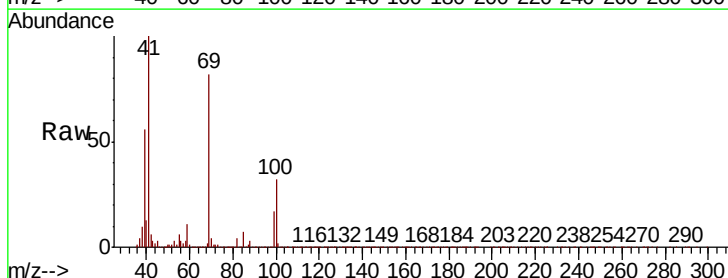
RT: 7.76 min Scan# 1128

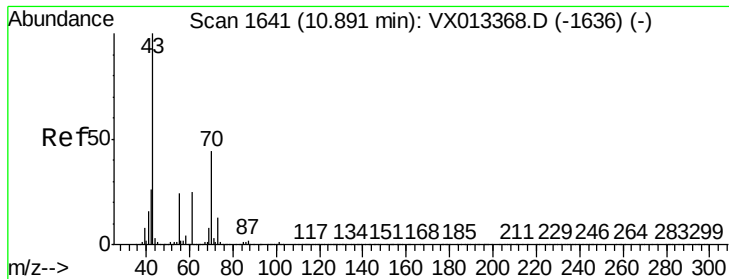
Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion:	41	Resp:	154752
Ion	Ratio	Lower	Upper
41	100		
69	82.4	41.4	124.4
39	55.5	27.9	83.6





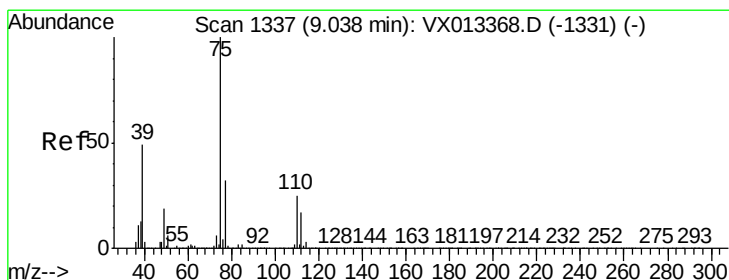
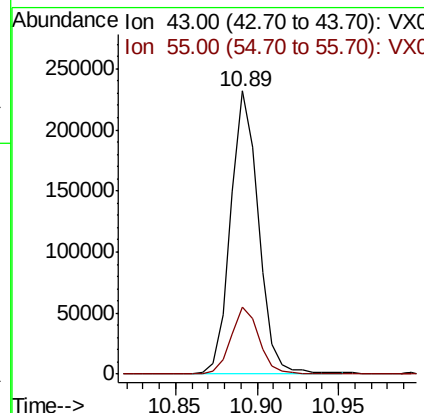
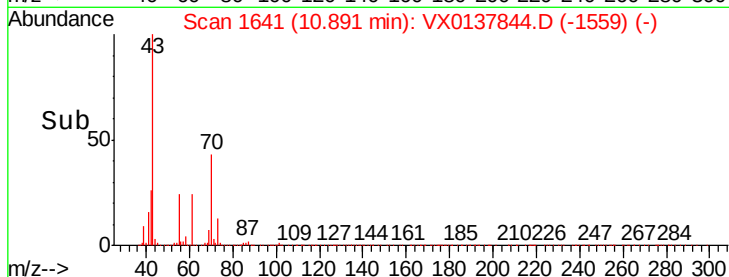
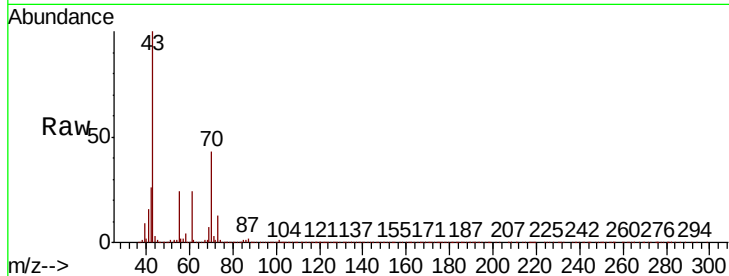
#47
n-amvl Acetate
Concen: 19.386 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 275003
Ion Ratio Lower Upper
43 100
55 23.9 19.0 28.4

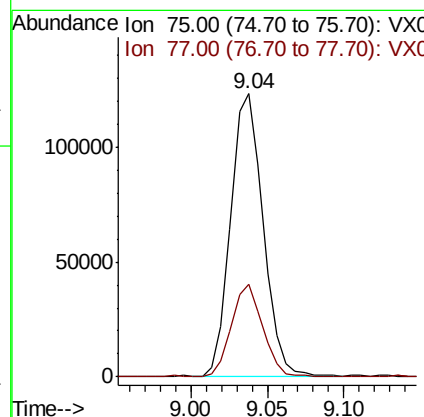
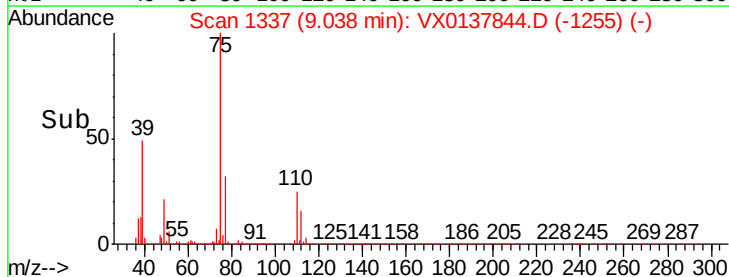
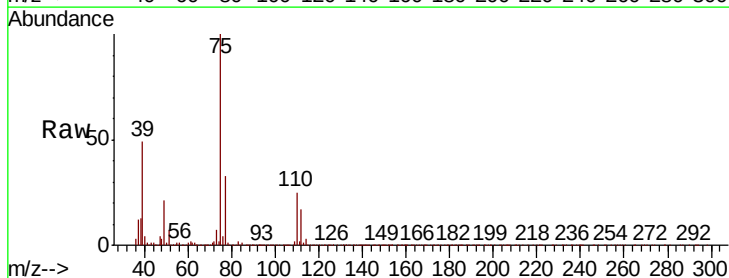
Manual Integrations
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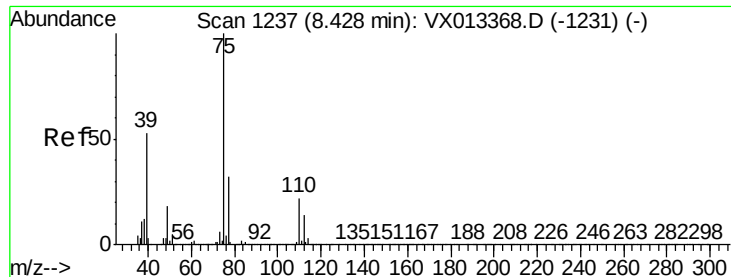
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#48
t-1,3-Dichloropropene
Concen: 19.001 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion: 75 Resp: 181421
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9





#49

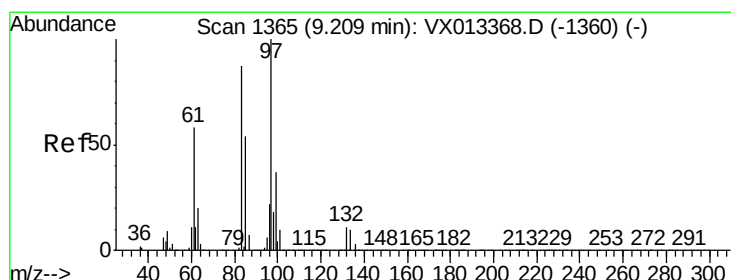
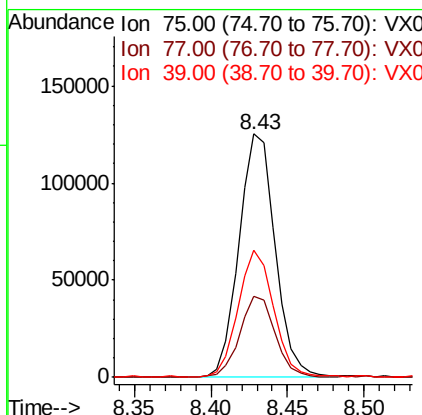
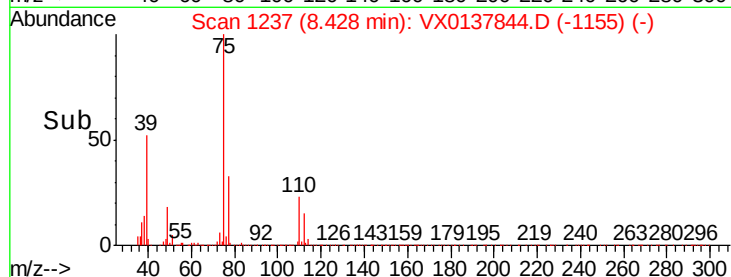
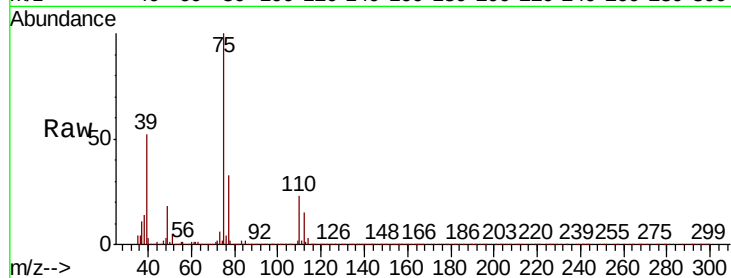
cis-1,3-Dichloropropene
Concen: 19.650 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.8	38.8
39	52.1	42.2	63.4

Manual Integrations
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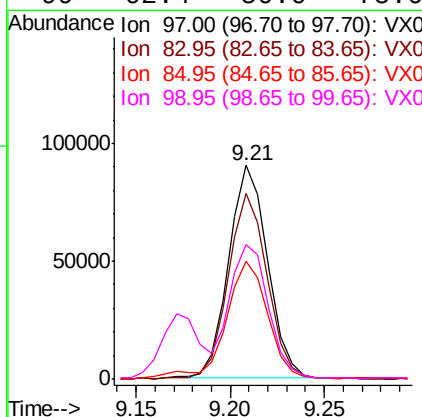
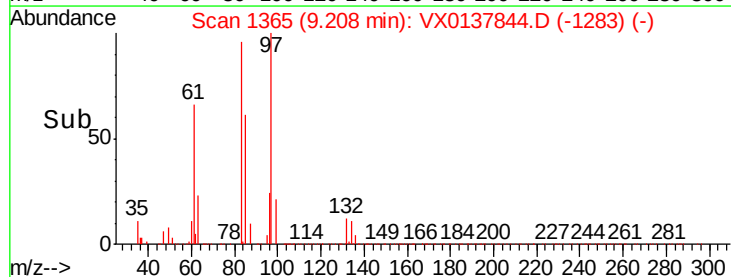
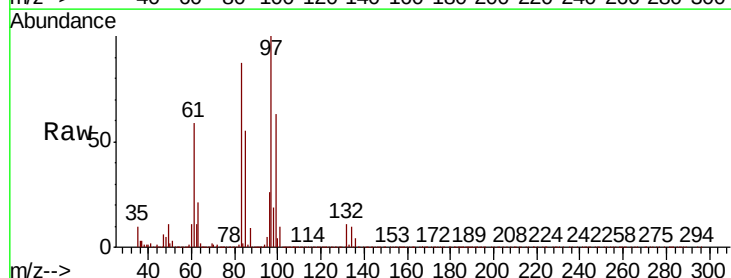
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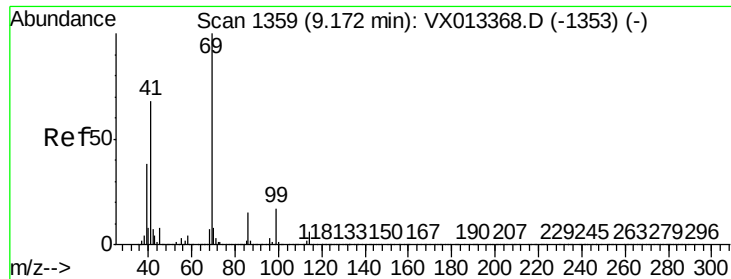


#50

1,1,2-Trichloroethane
Concen: 19.975 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.6	104.4
85	55.2	45.5	68.3
99	62.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.671 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX0137844.D

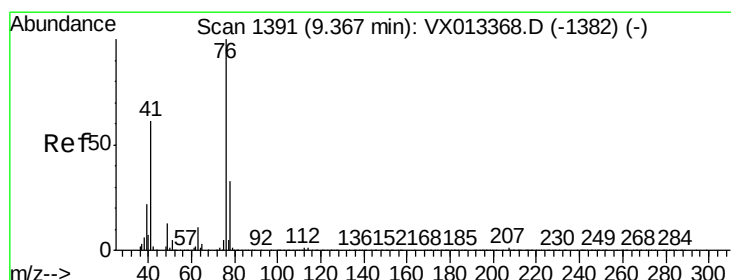
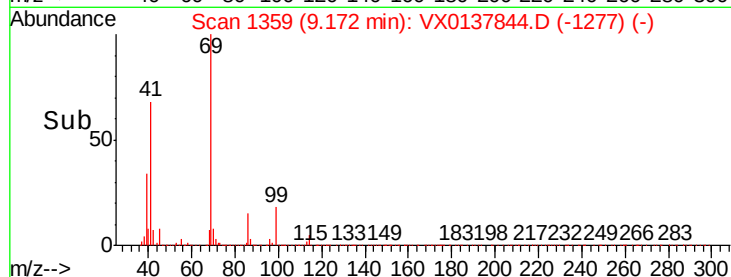
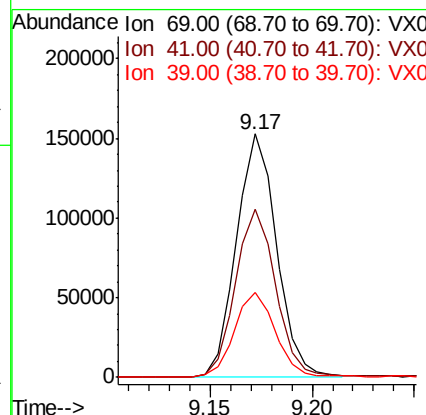
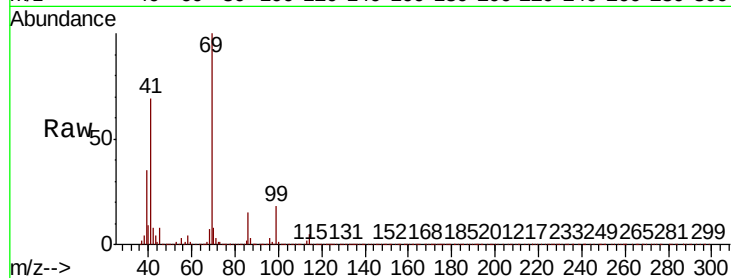
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	69	Resp:	209051
Ion Ratio	Lower	Upper	
69	100		
41	68.5	33.9	101.6
39	34.8	18.8	56.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.448 ug/l

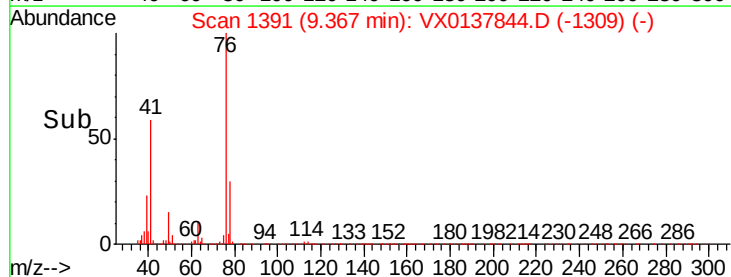
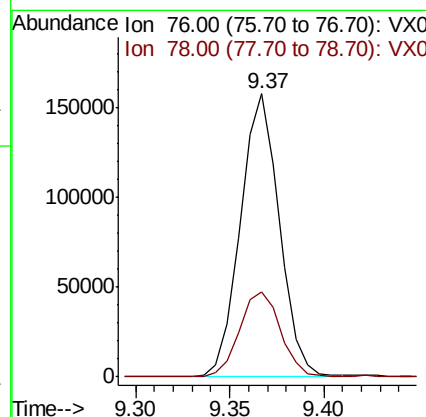
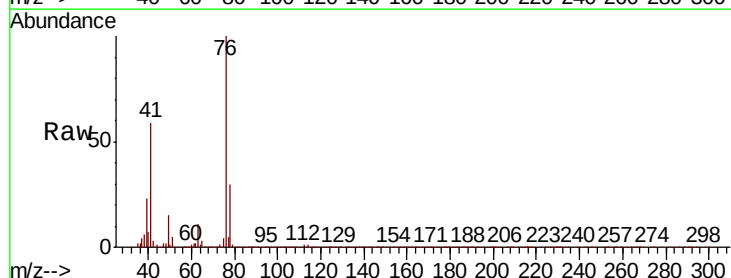
RT: 9.37 min Scan# 1391

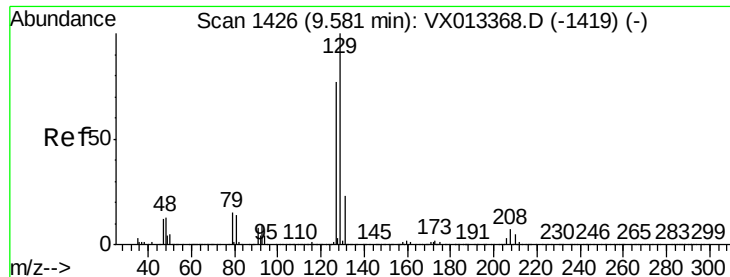
Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion:	76	Resp:	225636
Ion Ratio	Lower	Upper	
76	100		
78	31.7	0.0	63.6





#53

Dibromochloromethane

Concen: 19.720 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 134903

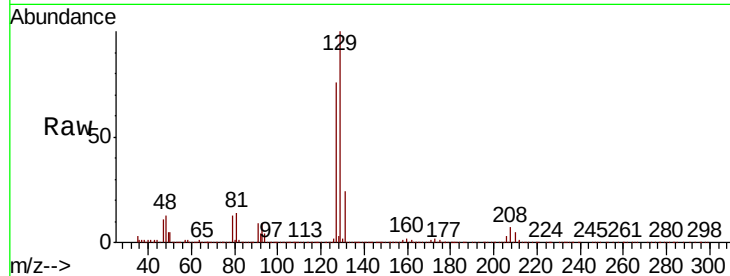
Ion Ratio Lower Upper

129 100

127 76.4 39.6 119.0

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.58

100000

80000

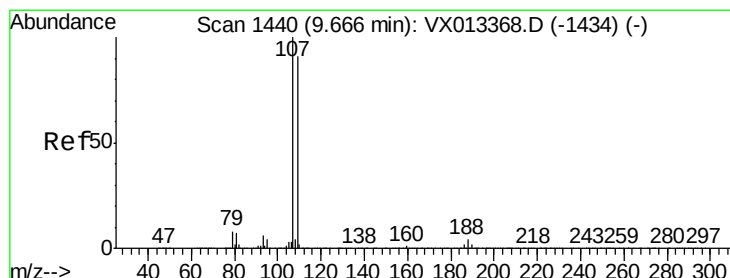
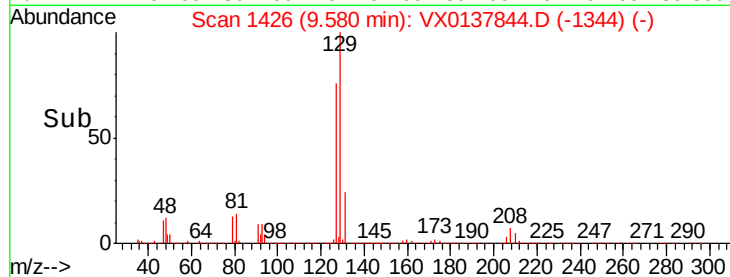
60000

40000

20000

0

Time-->



#54

1,2-Dibromoethane

Concen: 19.867 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX0137844.D

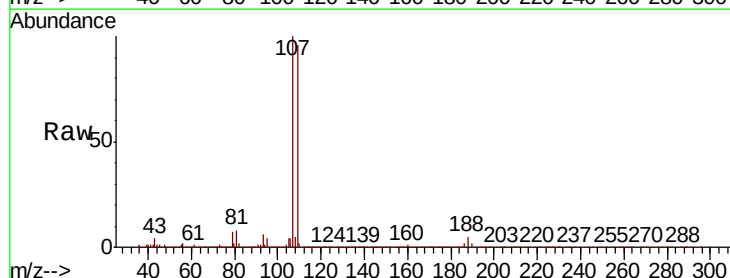
Acq: 07 Dec 2019 16:35

Tgt Ion:107 Resp: 137122

Ion Ratio Lower Upper

107 100

109 95.8 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

100000

80000

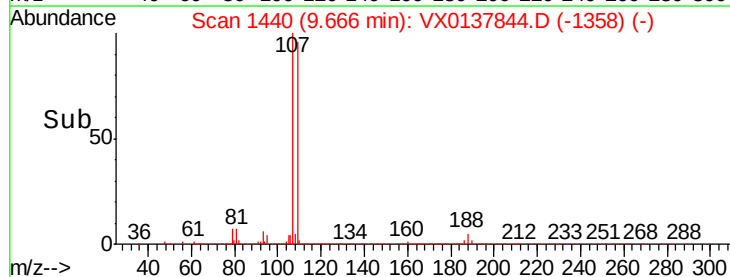
60000

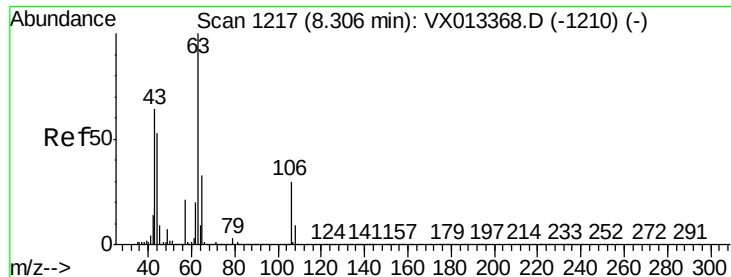
40000

20000

0

Time-->





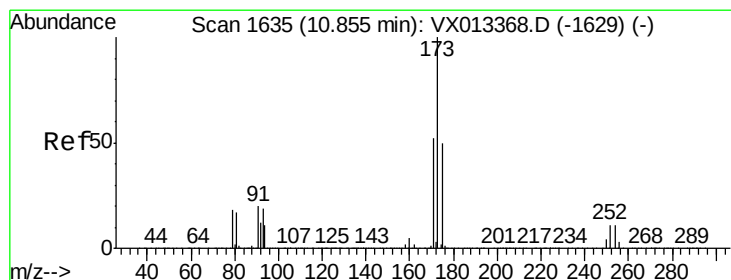
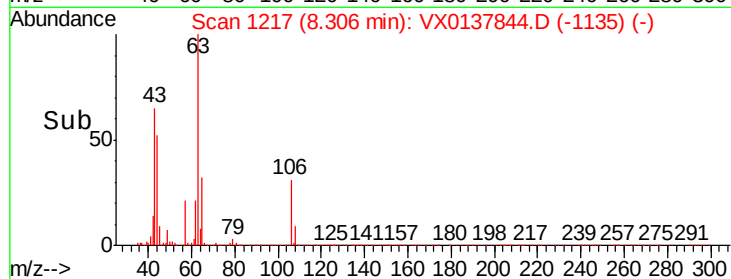
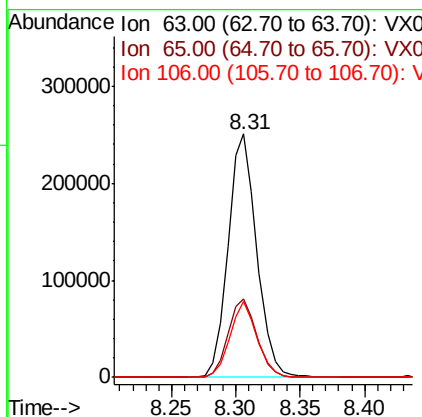
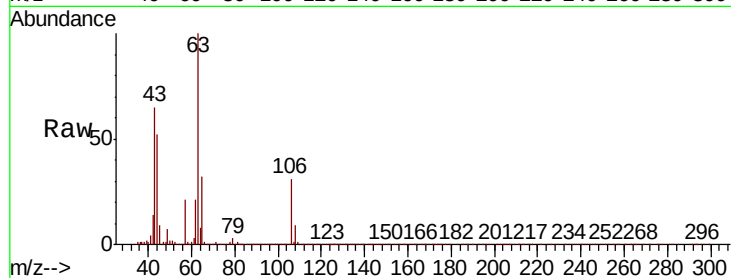
#55
2-Chloroethyl vinyl ether
Concen: 85.229 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.0	39.0
106	29.3	23.5	35.3

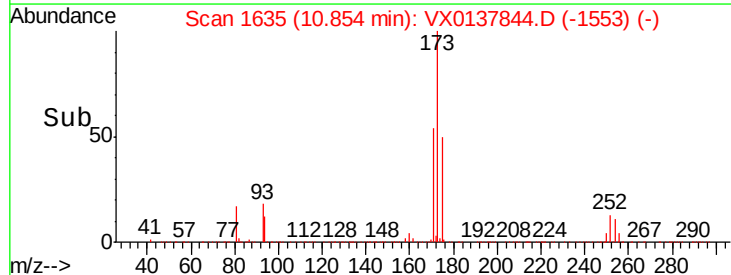
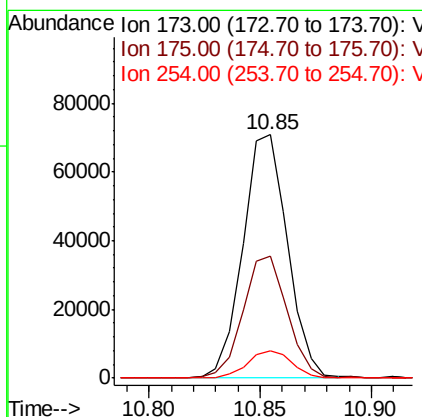
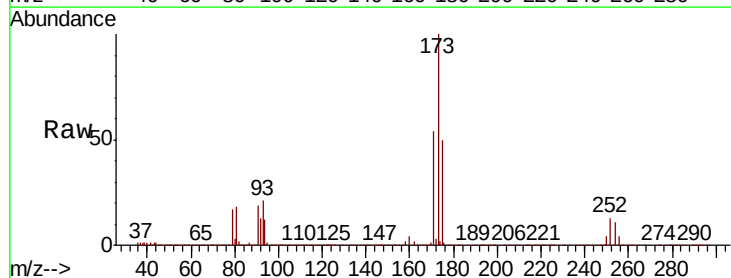
Manual Integrations
APPROVED

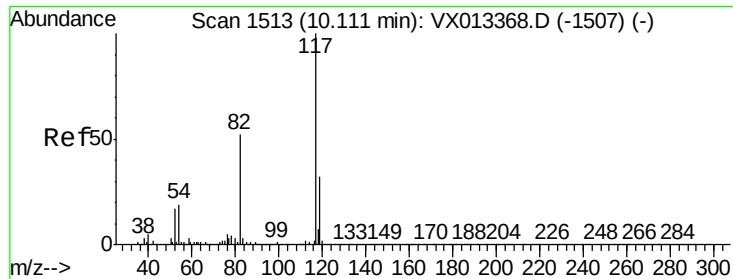
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#56
Bromoform
Concen: 18.156 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.4	59.0
254	11.2	8.6	12.8





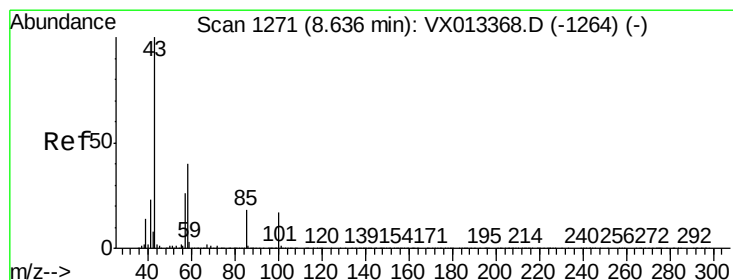
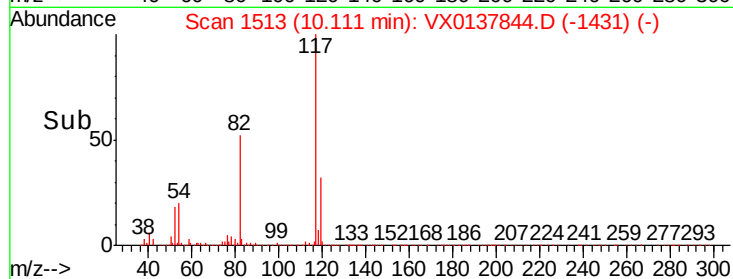
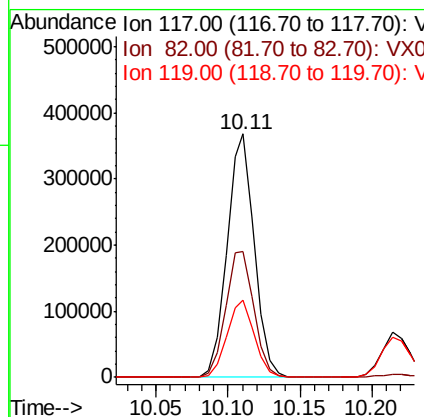
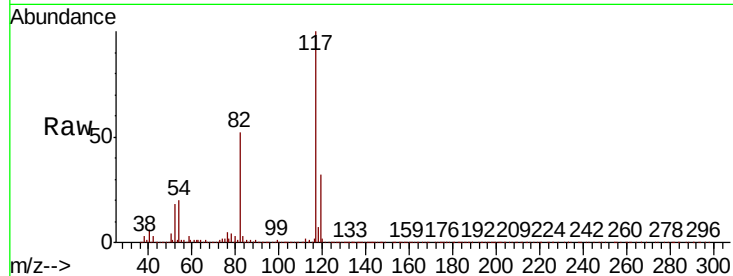
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.7	65.5
119	32.1	25.5	38.3

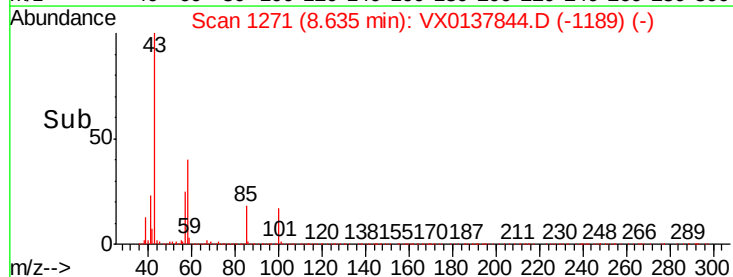
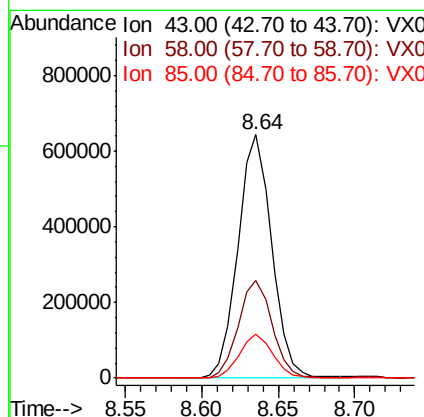
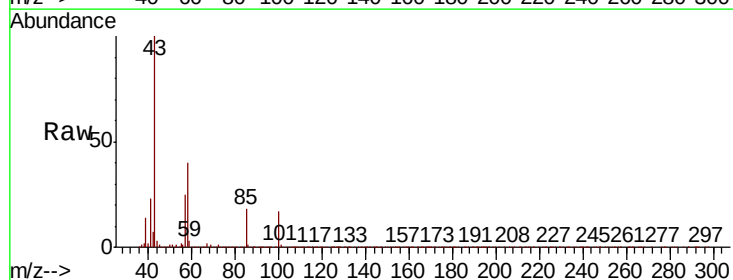
Manual Integrations
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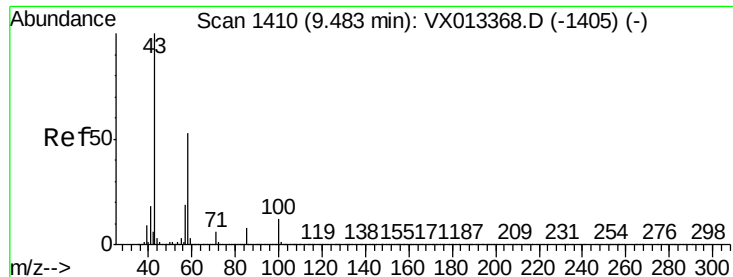
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#58
4-Methyl-2-Pentanone
Concen: 96.680 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.4	31.6	47.4
85	17.9	14.2	21.2





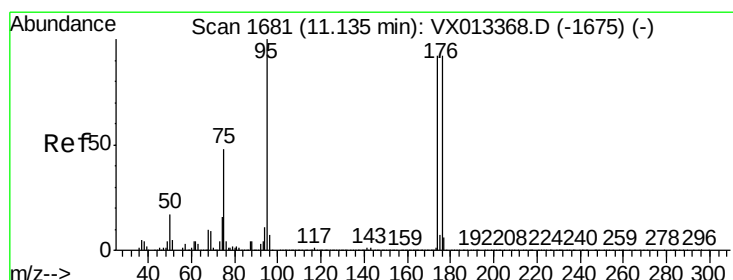
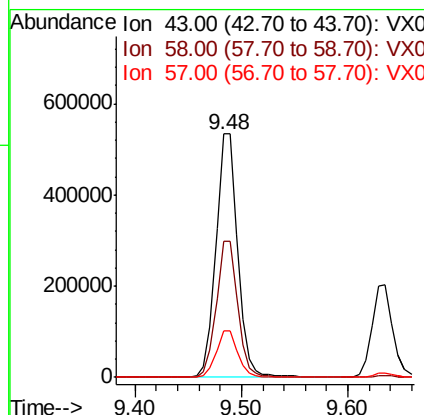
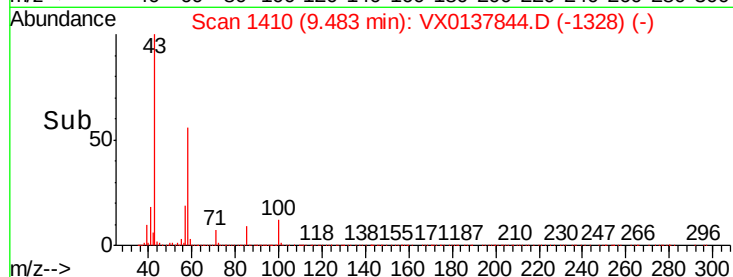
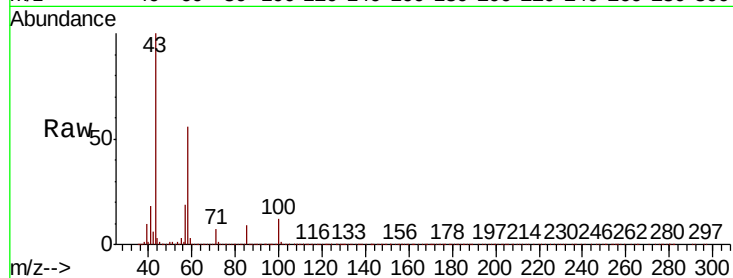
#59
2-Hexanone
Concen: 93.163 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.8	65.6
57	18.8	15.1	22.7

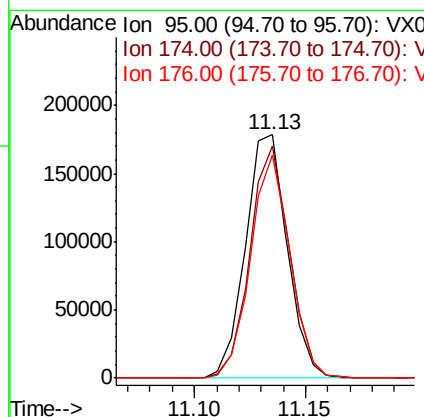
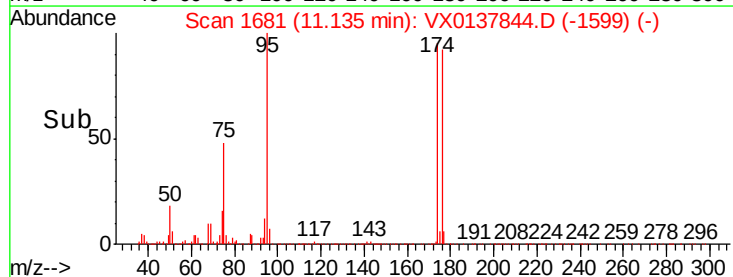
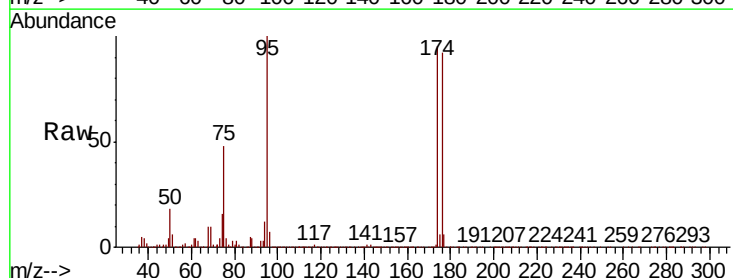
Manual Integrations
APPROVED

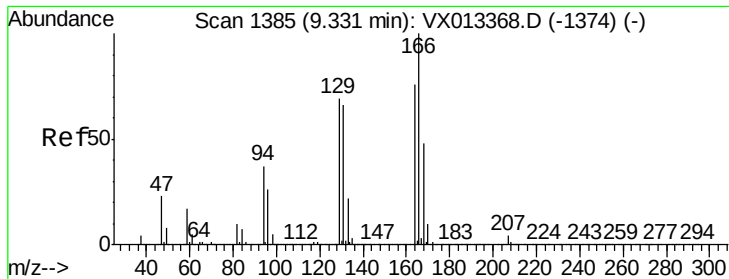
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#60
4-Bromofluorobenzene
Concen: 29.919 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.6	70.2	105.2
176	86.5	68.3	102.5





#61

Tetrachloroethene

Concen: 20.071 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

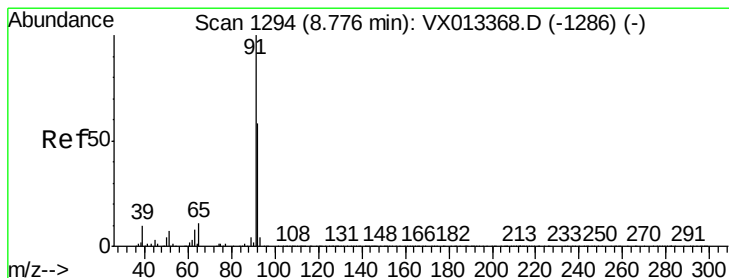
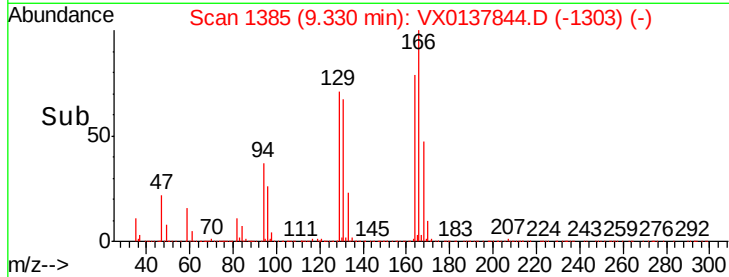
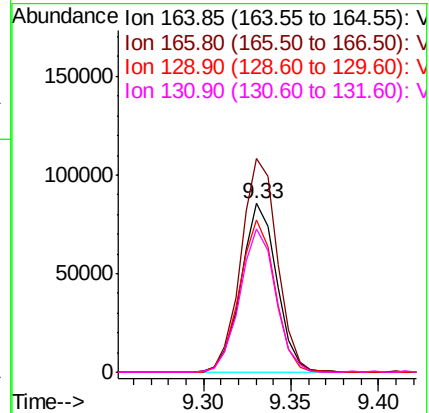
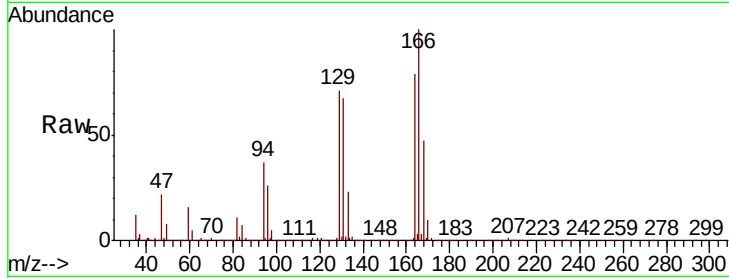
MSVOA_X

ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.9	104.9	157.3	
129	90.7	72.3	108.5	
131	84.9	69.0	103.6	

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#62

Toluene

Concen: 20.505 ug/l

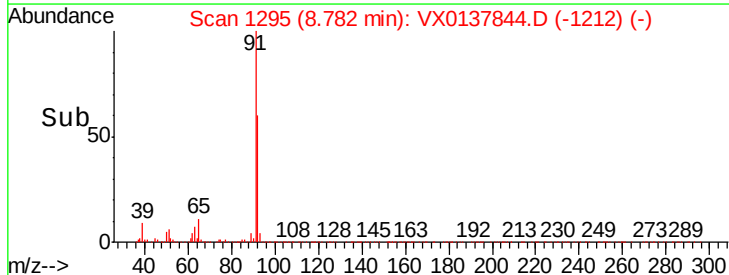
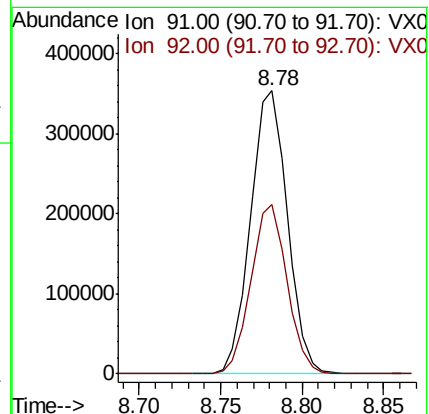
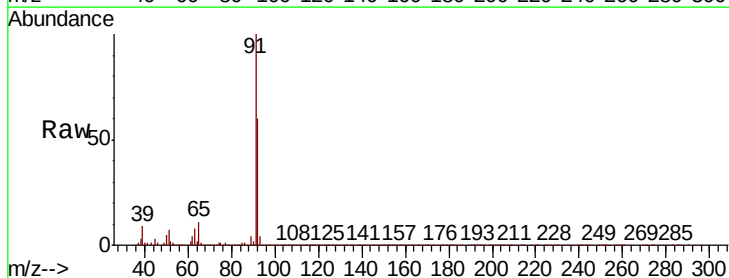
RT: 8.78 min Scan# 1295

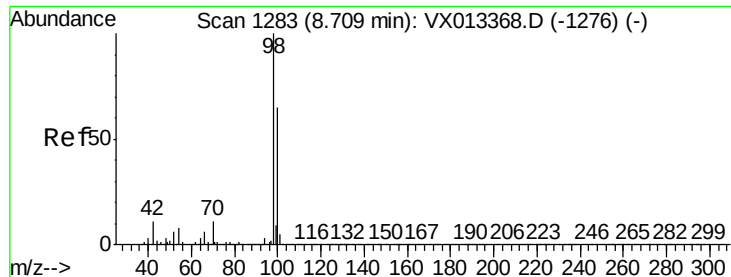
Delta R.T. 0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
92	58.8	46.6	69.8	





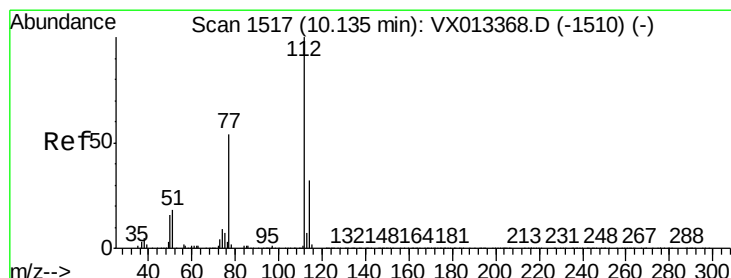
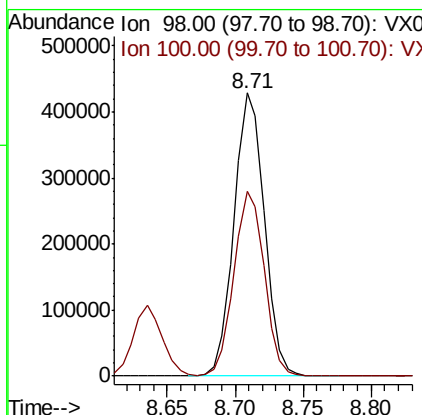
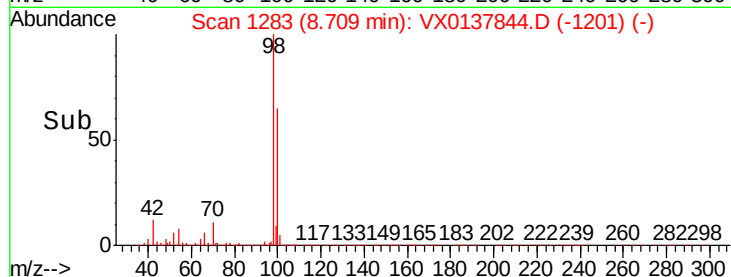
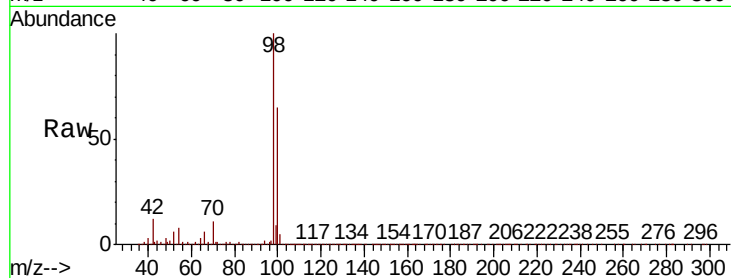
#63
Toluene-d8
Concen: 30.195 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 98 Resp: 665243
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

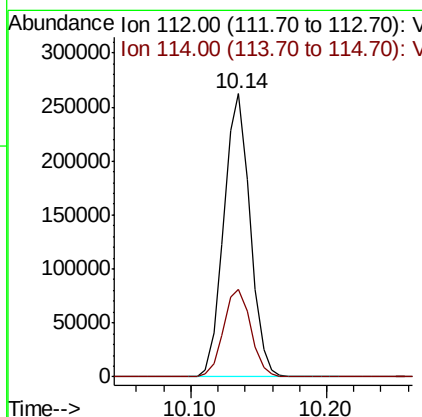
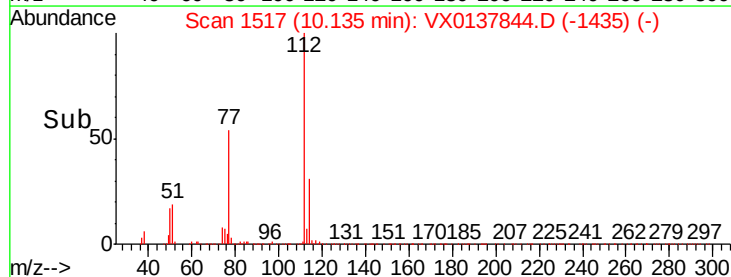
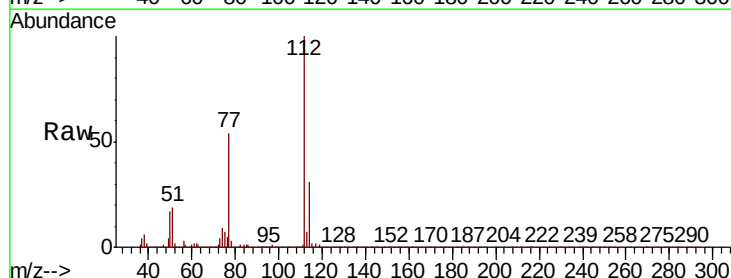
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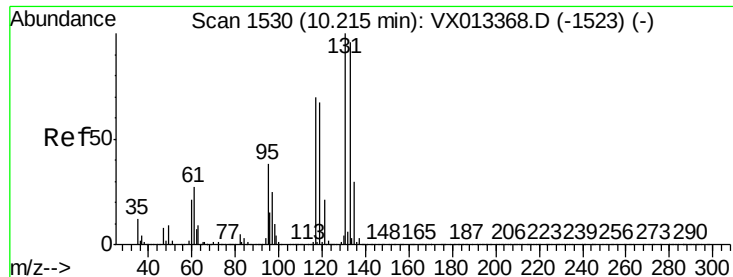
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#64
Chlorobenzene
Concen: 20.774 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion: 112 Resp: 352503
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5





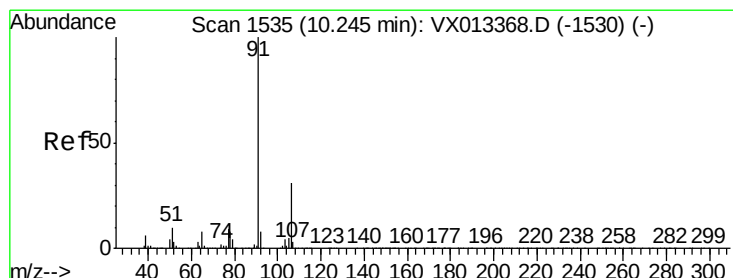
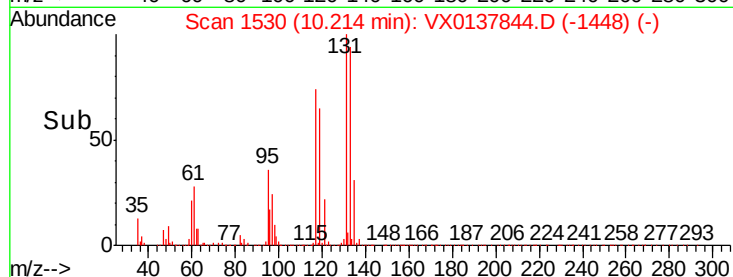
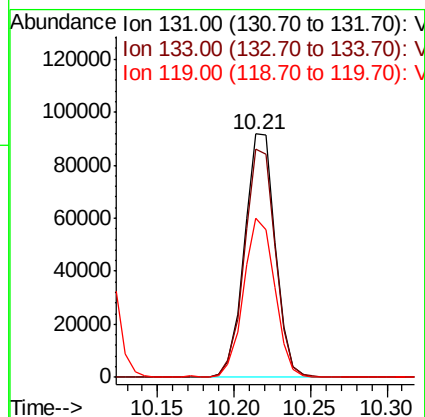
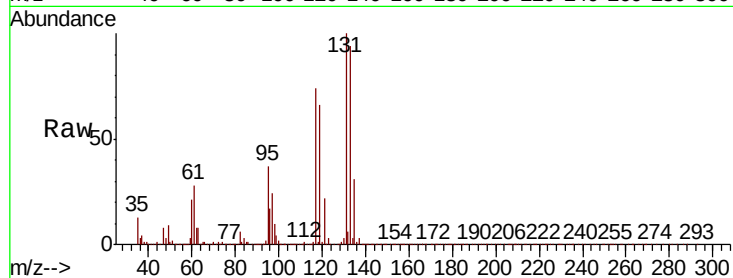
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.117 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
131	100	127779		
133	93.9	0.0	192.2	
119	65.8	0.0	134.4	

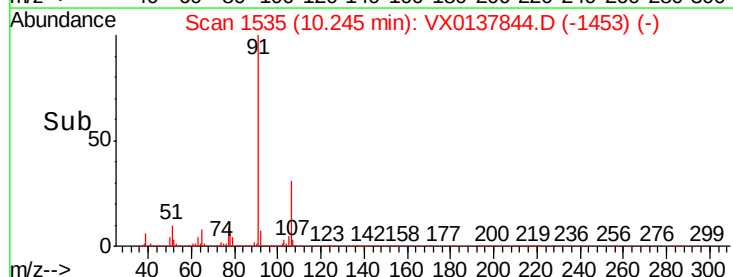
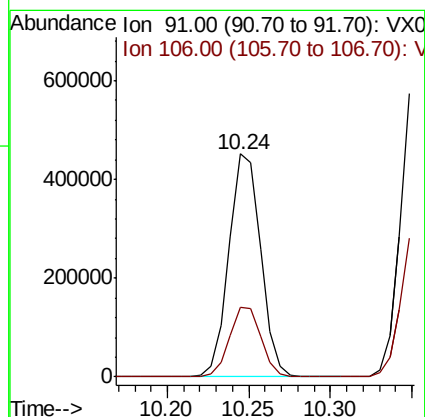
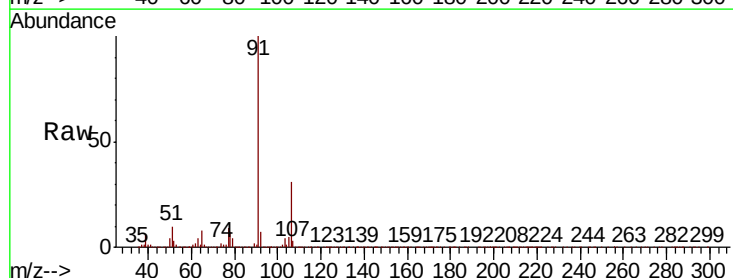
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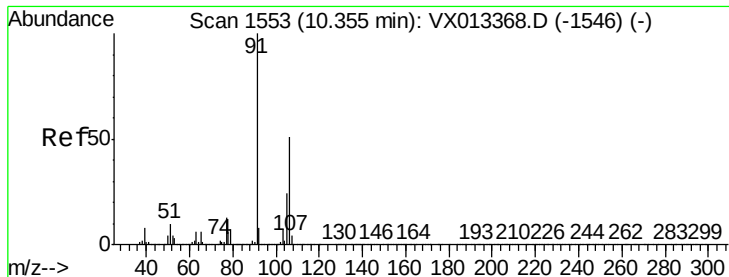
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#66
 Ethyl Benzene
 Concen: 20.554 ug/l
 RT: 10.24 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	612787		
106	30.9	25.0	37.4	





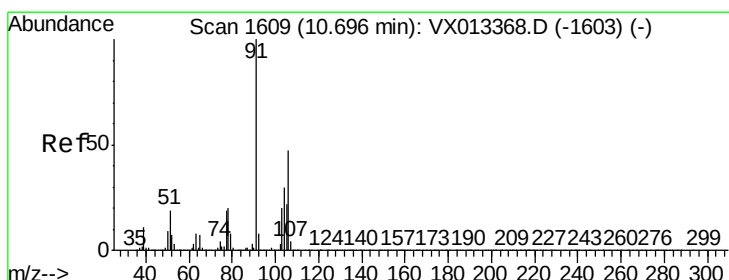
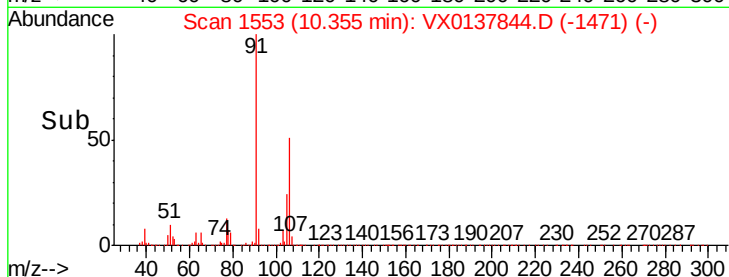
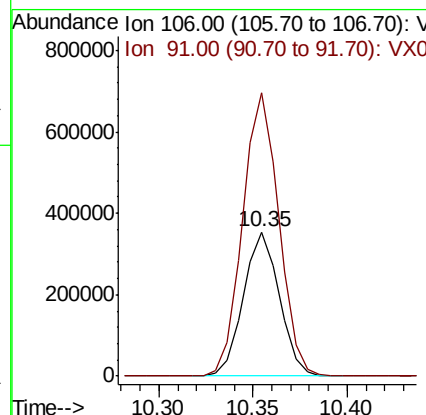
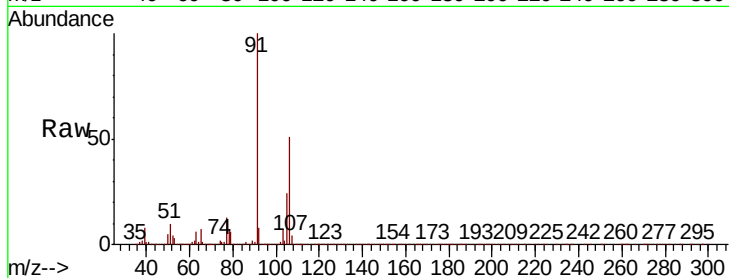
#67
m/p-Xylenes
Concen: 40.539 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.9	158.4	237.6

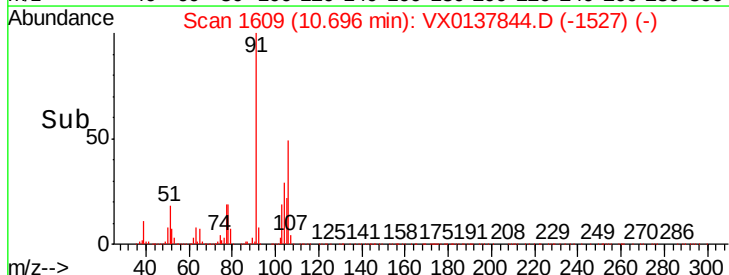
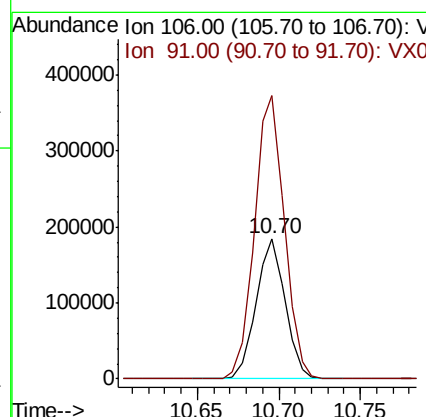
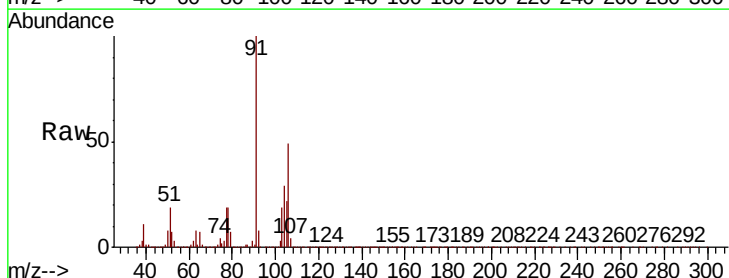
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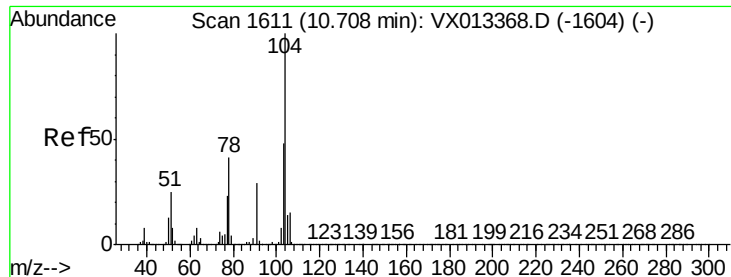
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#68
o-Xylene
Concen: 20.651 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.2	106.4	319.2





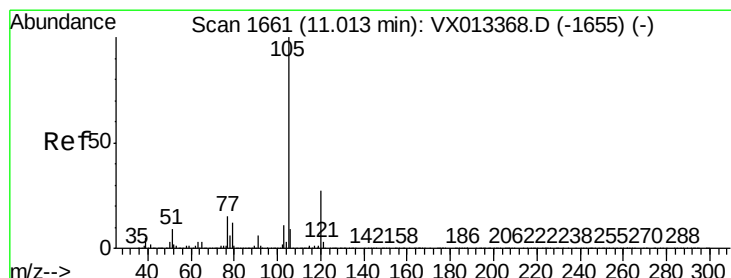
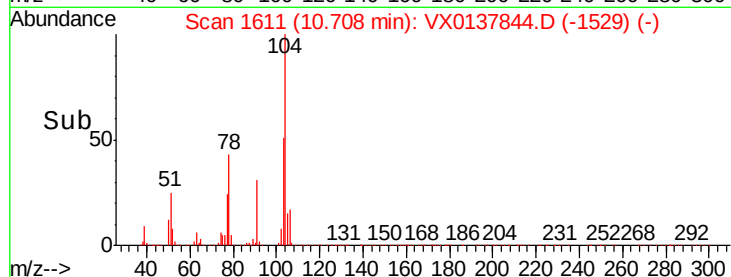
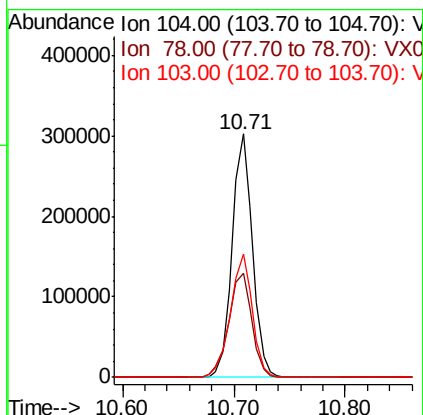
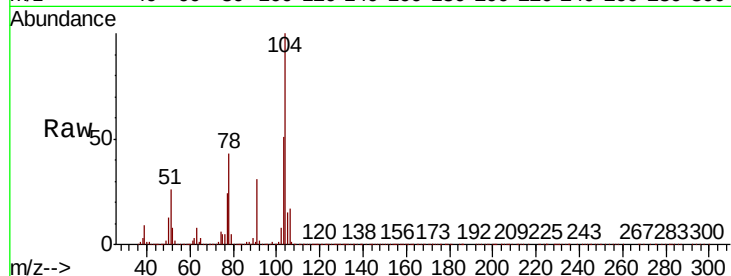
#69
Stvrene
Concen: 20.143 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
104	100	381766		
78	48.7		38.2	57.4
103	54.5		43.2	64.8

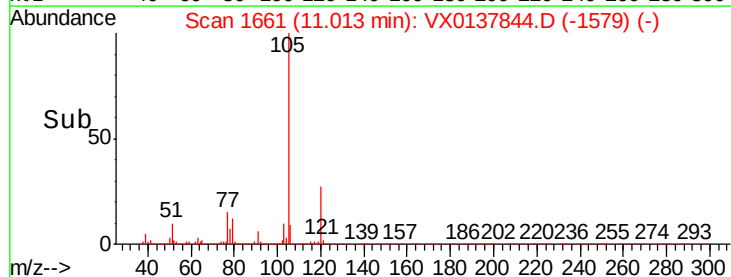
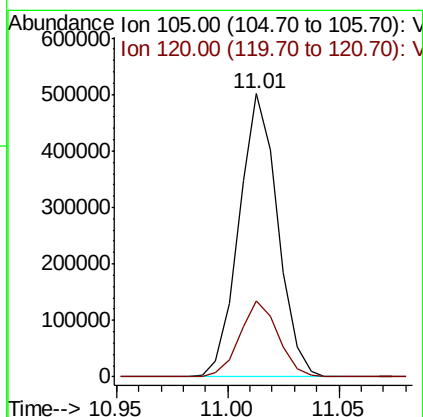
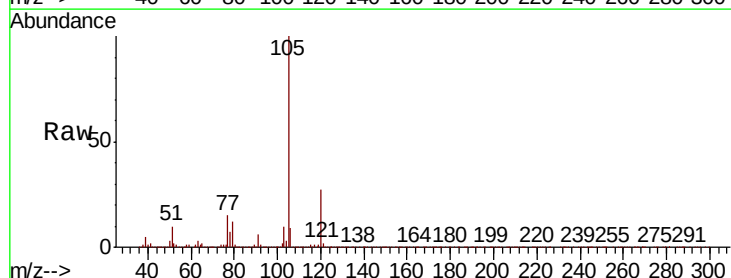
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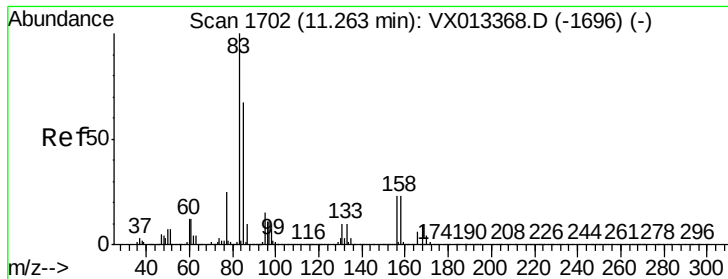
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#70
Isopropylbenzene
Concen: 20.719 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	605938		
120	26.7		18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 20.089 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

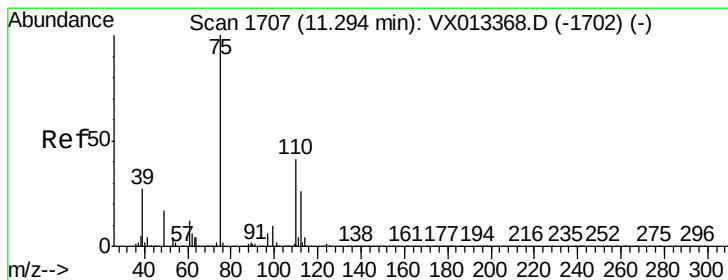
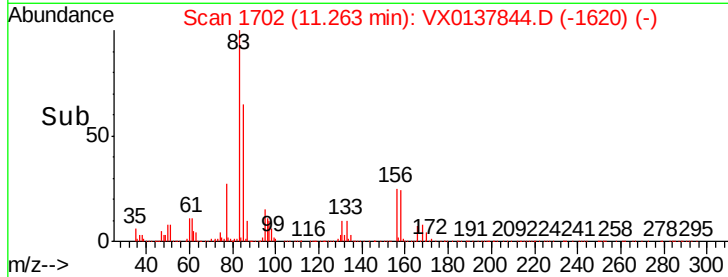
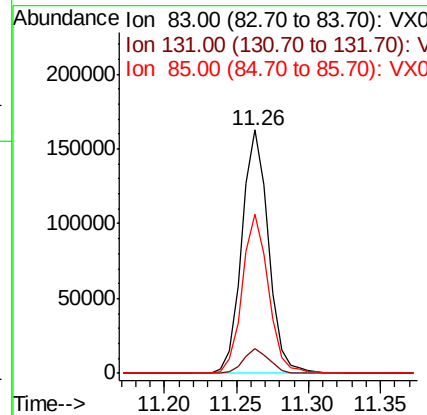
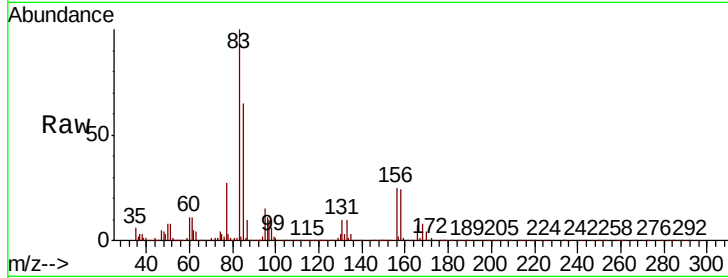
MSVOA_X

ClientSampled :

Tot Ion:	83	Resp:	210366
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.7	14.1
85	63.9	32.6	97.7

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#72

1,2,3-Trichloropropane

Concen: 21.376 ug/l m

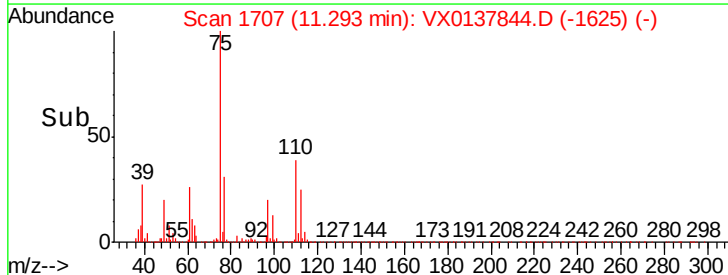
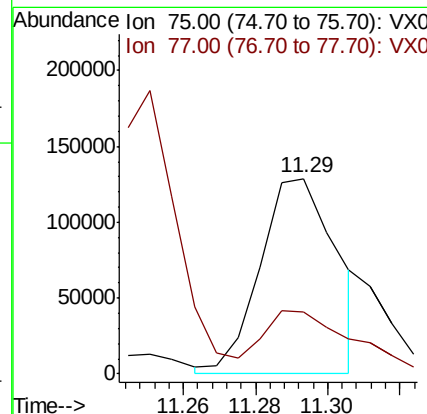
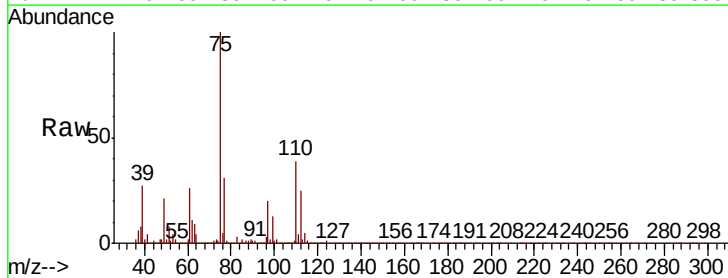
RT: 11.29 min Scan# 1707

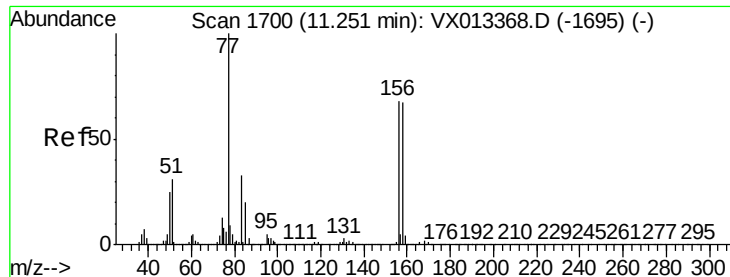
Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion:	75	Resp:	189006
Ion Ratio	Lower	Upper	
75	100		
77	37.7	0.0	86.2





#73

Bromobenzene

Concen: 20.479 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

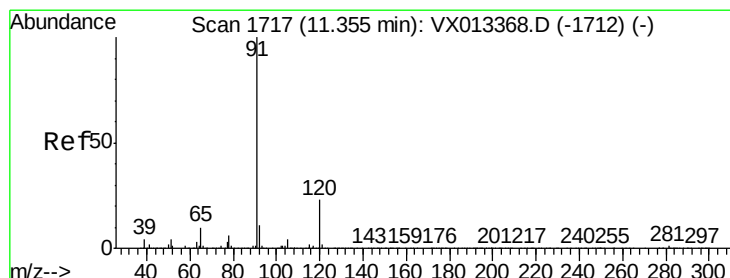
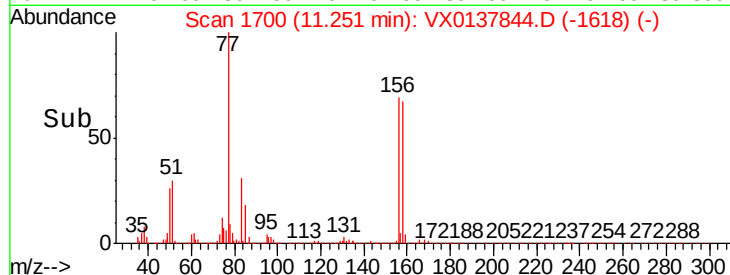
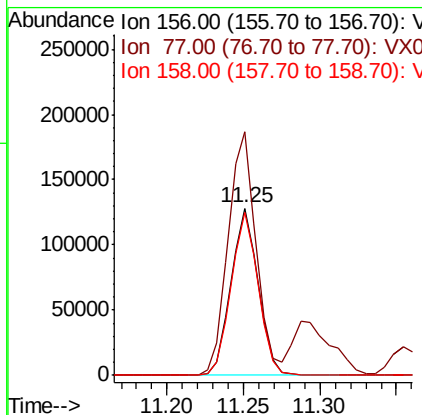
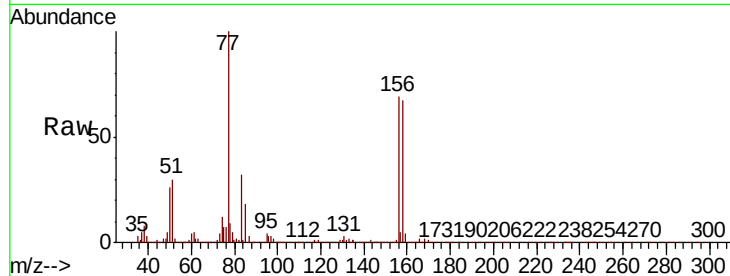
MSVOA_X

ClientSampleId :

Tot Ion:	156	Resp:	157945
Ion Ratio	Lower	Upper	
156	100		
77	149.6	0.0	308.8
158	97.1	0.0	197.0

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#74

n-propylbenzene

Concen: 20.606 ug/l

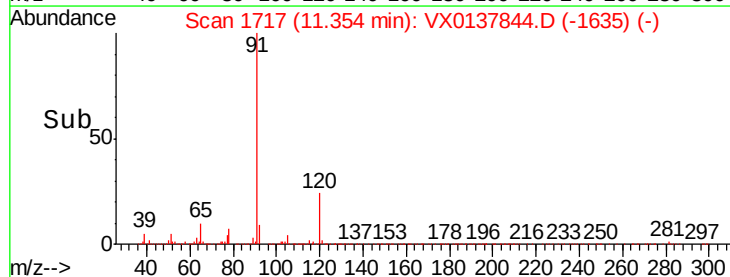
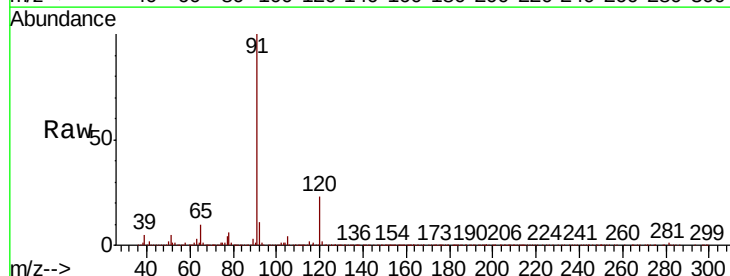
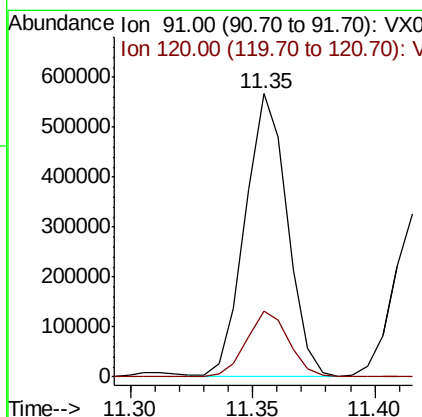
RT: 11.35 min Scan# 1717

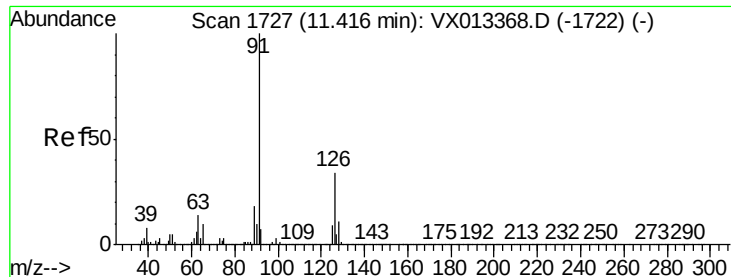
Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion:	91	Resp:	684880
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	46.2





#75

2-Chlorotoluene

Concen: 20.481 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 91 Resp: 404793

Ion Ratio Lower Upper

91 100

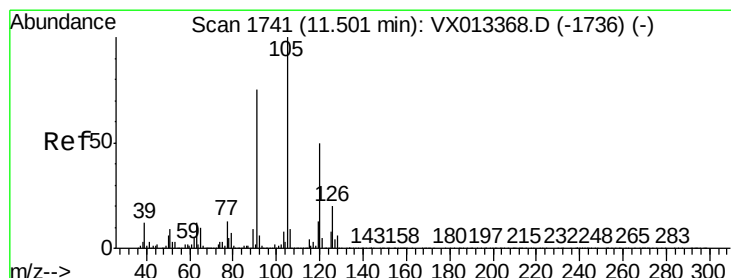
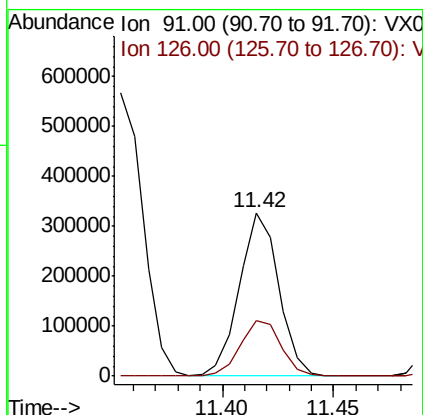
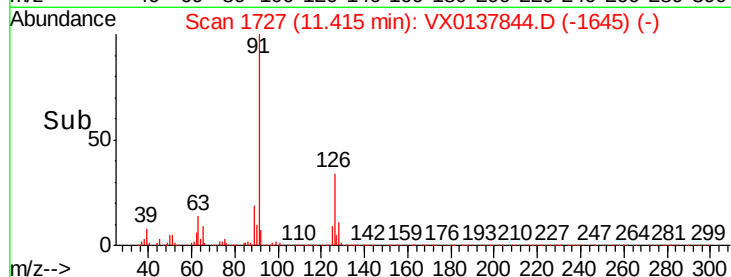
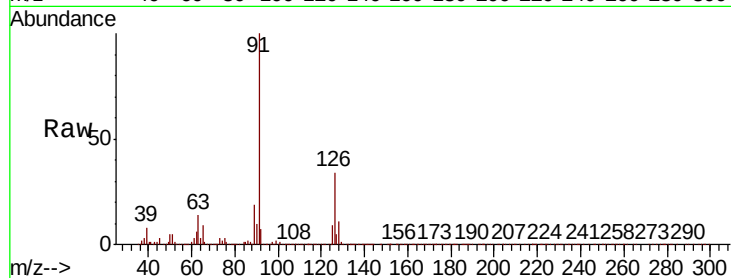
126 35.1 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 20.296 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX0137844.D

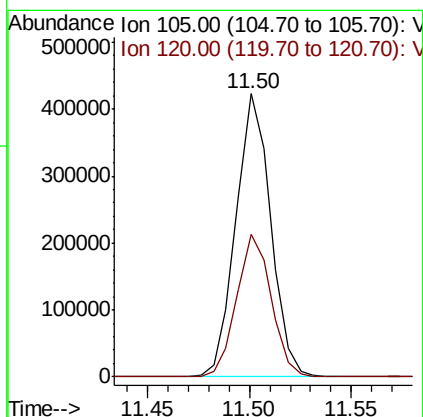
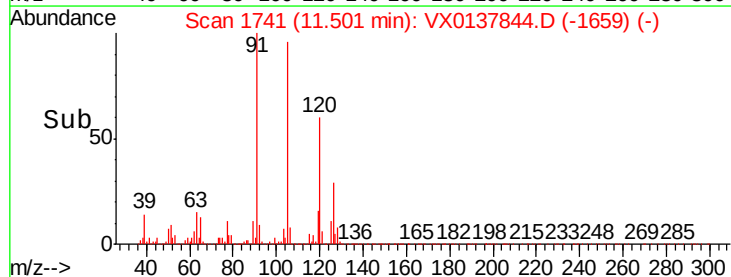
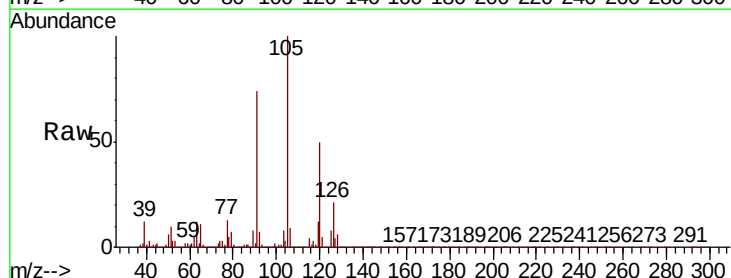
Acq: 07 Dec 2019 16:35

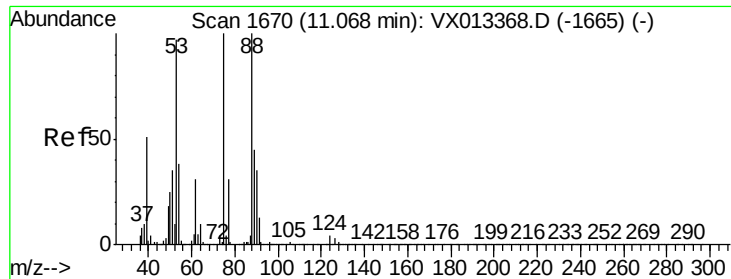
Tgt Ion: 105 Resp: 498929

Ion Ratio Lower Upper

105 100

120 50.1 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.201 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

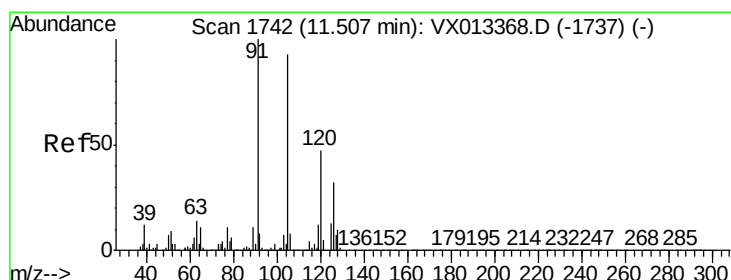
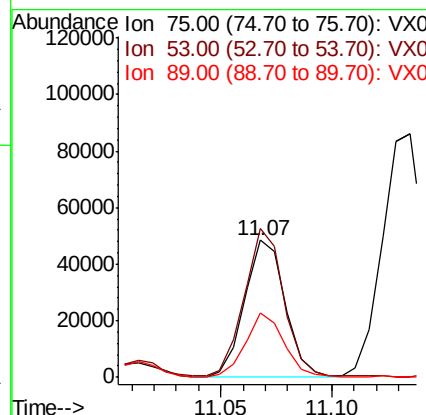
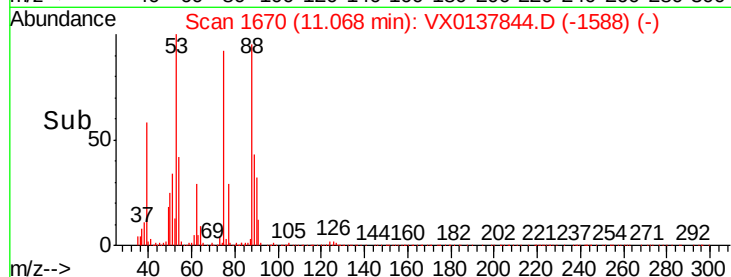
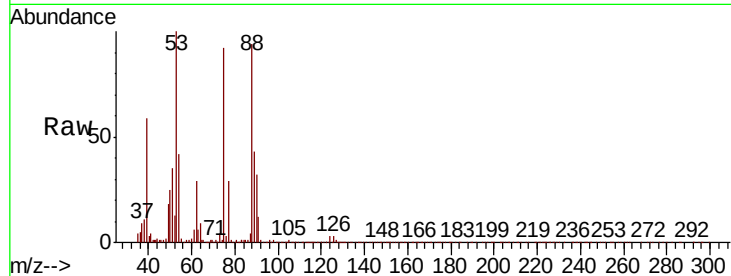
MSVOA_X

ClientSampled :

Tot Ion:	75	Resp:	61498
Ion	Ratio	Lower	Upper
75	100		
53	108.2	48.8	146.3
89	47.0	22.3	66.8

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#78

4-Chlorotoluene

Concen: 20.303 ug/l

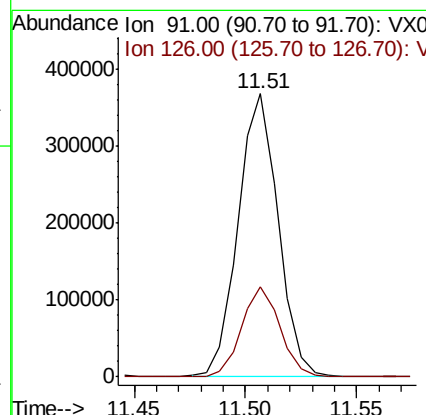
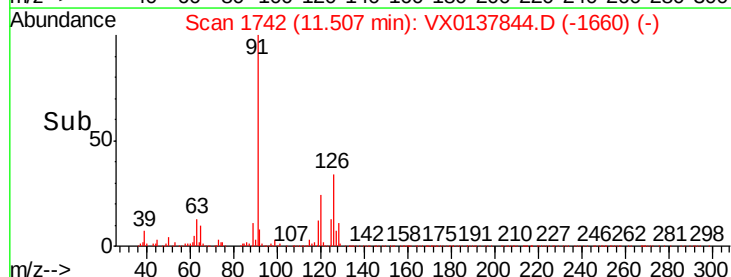
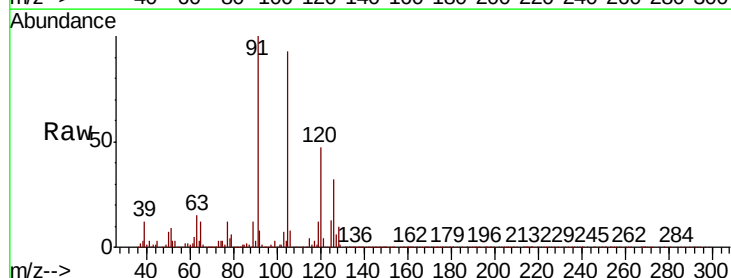
RT: 11.51 min Scan# 1742

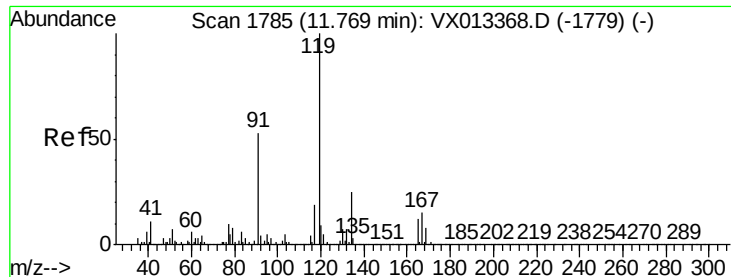
Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion:	91	Resp:	459751
Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	61.0





#79

tert-butylbenzene

Concen: 20.268 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

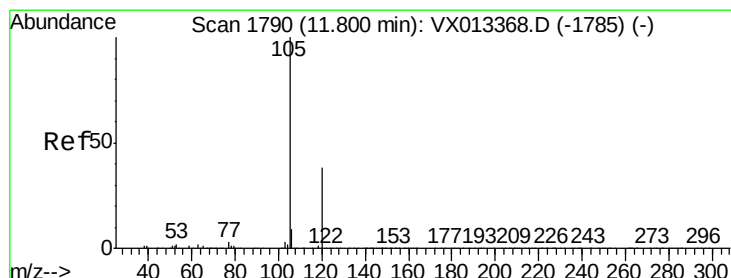
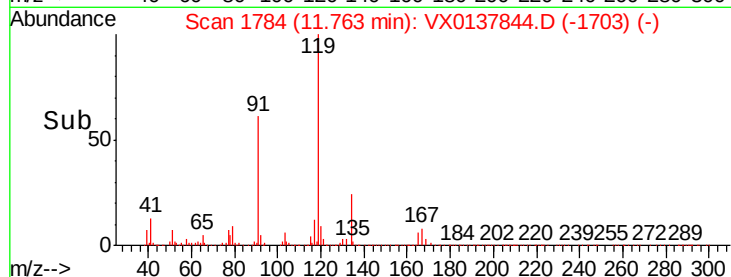
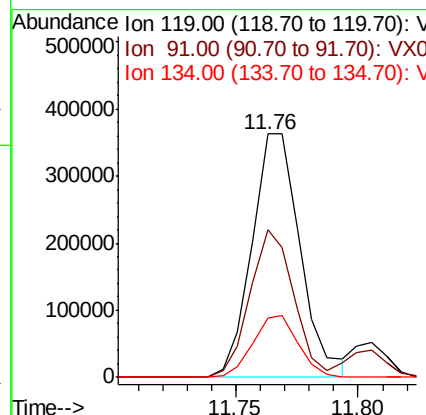
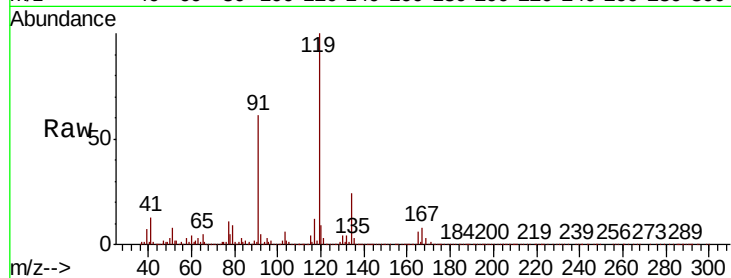
MSVOA_X

ClientSampled :

Tot Ion:	119	Resp:	502709
Ion Ratio	Lower	Upper	
119	100		
91	54.8	0.0	109.6
134	24.0	0.0	47.8

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#80

1,2,4-Trimethylbenzene

Concen: 20.336 ug/l

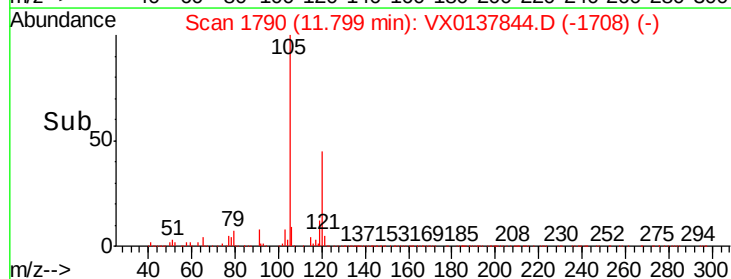
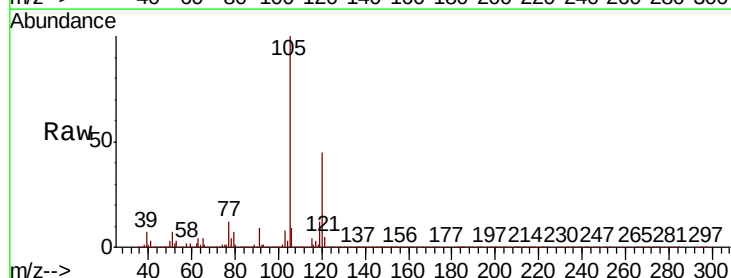
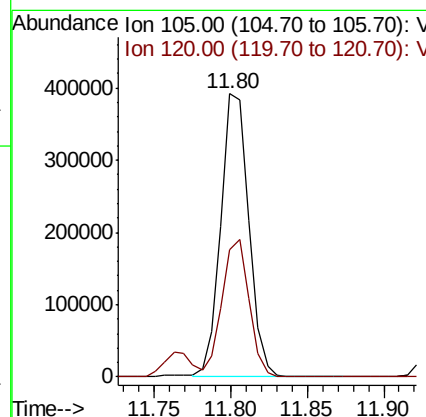
RT: 11.80 min Scan# 1790

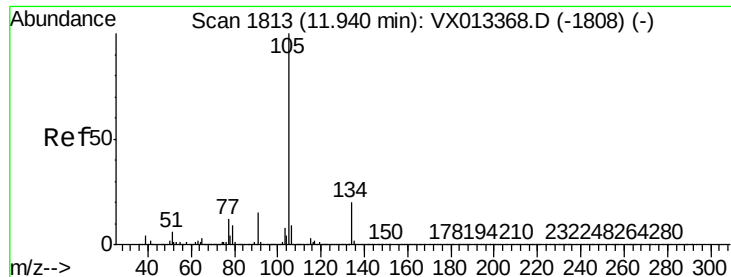
Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion:	105	Resp:	498185
Ion Ratio	Lower	Upper	
105	100		
120	46.9	0.0	94.0





#81

sec-Butylbenzene

Concen: 20.458 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:105 Resp: 578916

Ion Ratio Lower Upper

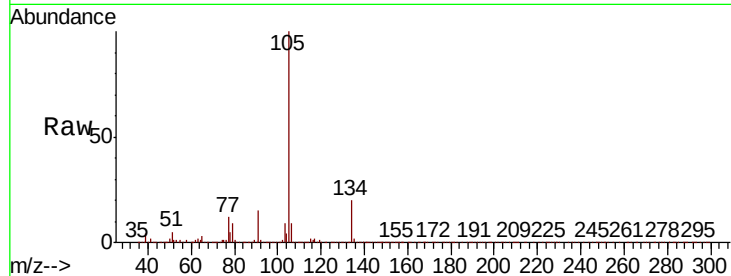
105 100

134 20.3 0.0 41.2

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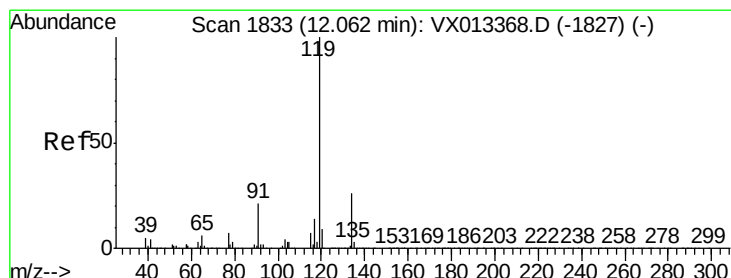
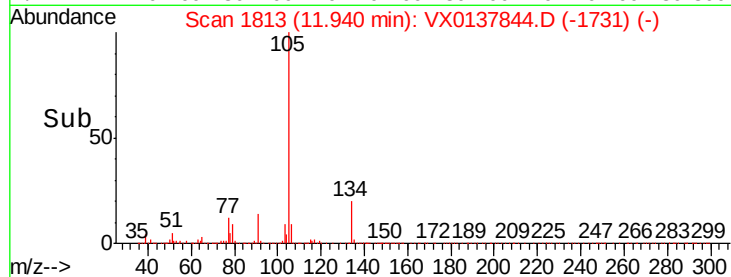
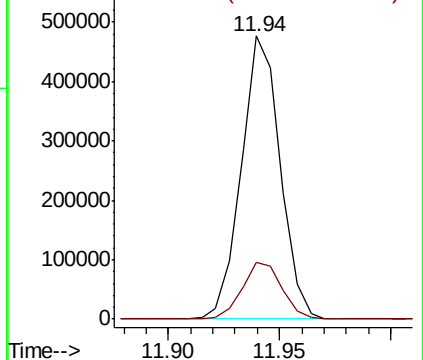
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.172 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

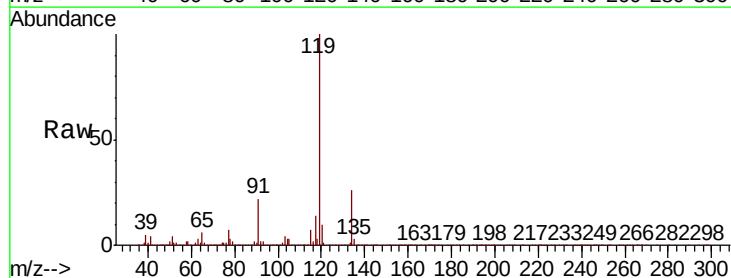
Tgt Ion:119 Resp: 525945

Ion Ratio Lower Upper

119 100

134 26.1 0.0 51.6

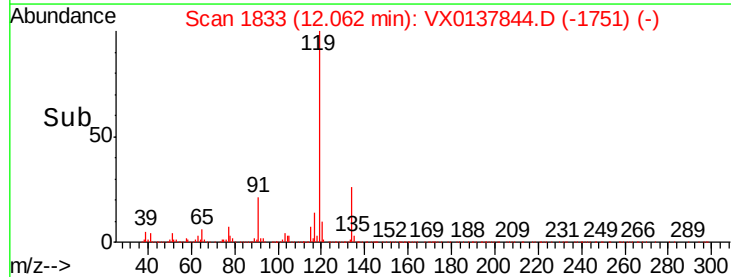
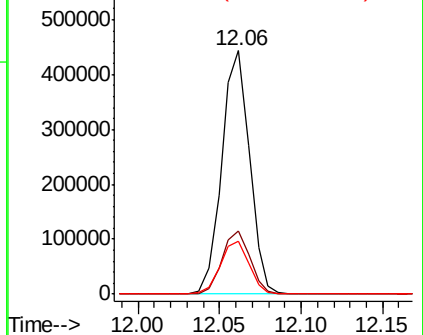
91 22.2 0.0 44.2

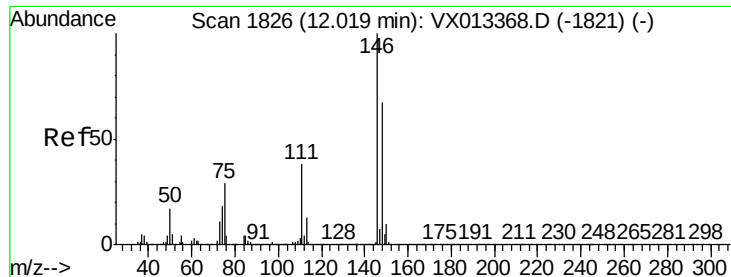


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





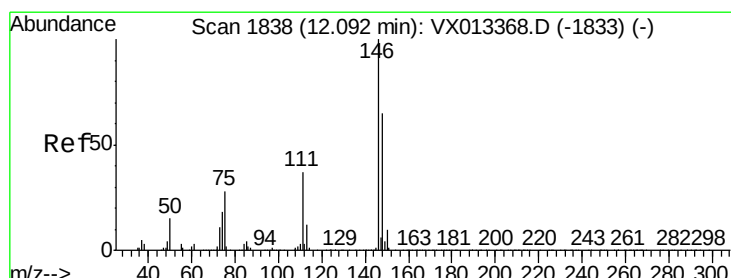
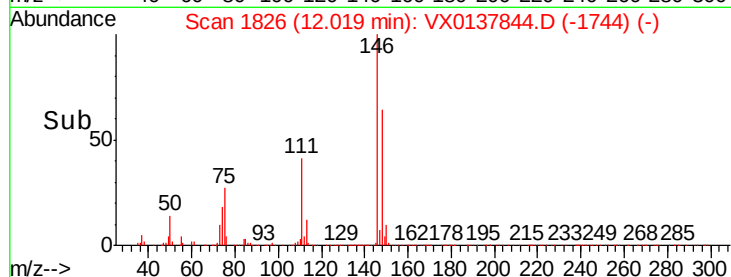
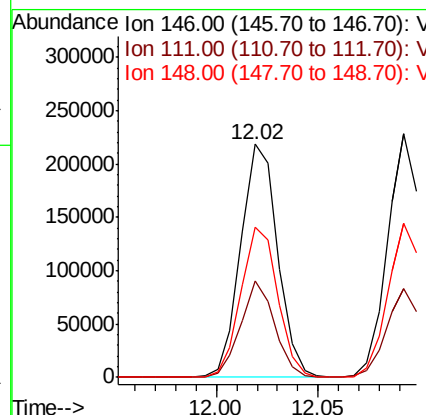
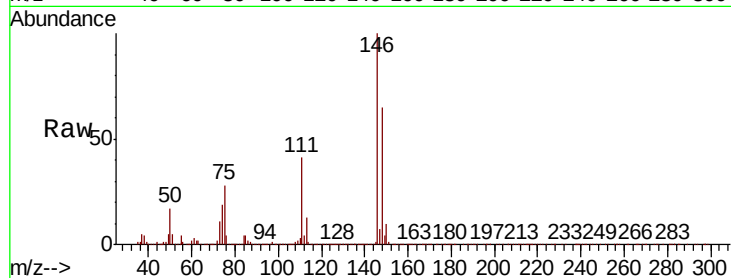
#83
 1,3-Dichlorobenzene
 Concen: 20.231 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	64.2	32.3	96.9

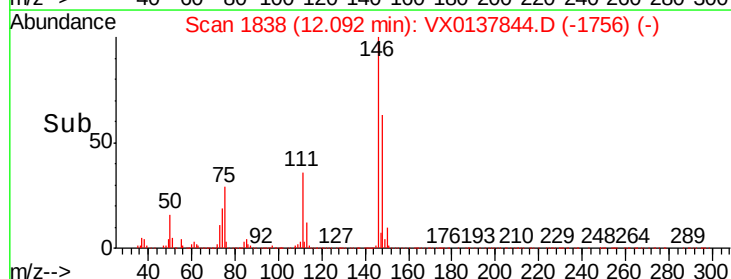
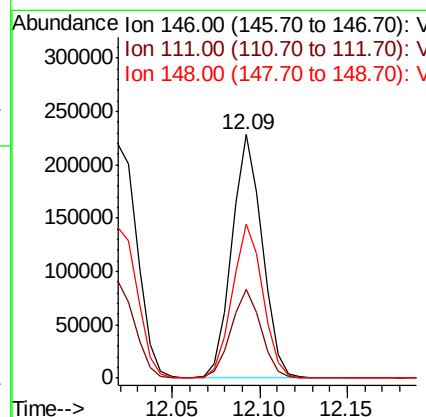
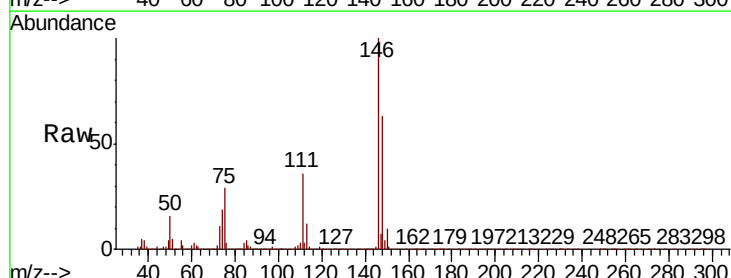
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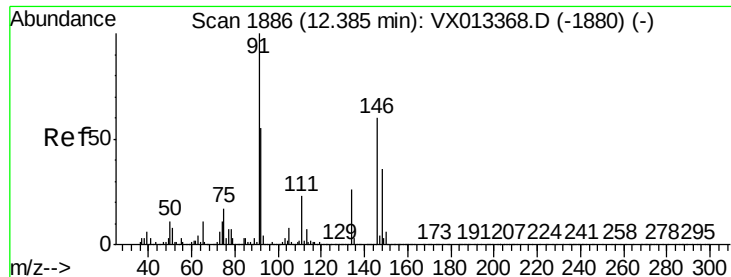
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#84
 1,4-Dichlorobenzene
 Concen: 20.488 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.6	55.6
148	63.5	32.5	97.4





#85

n-Butylbenzene

Concen: 19.997 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

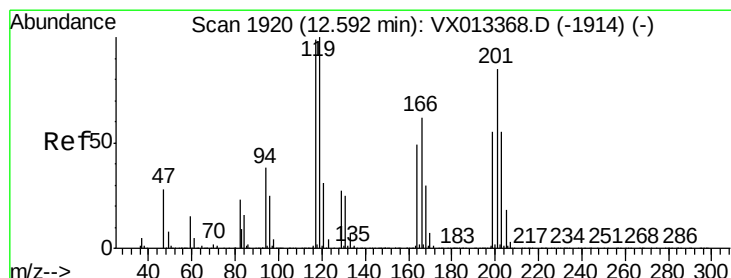
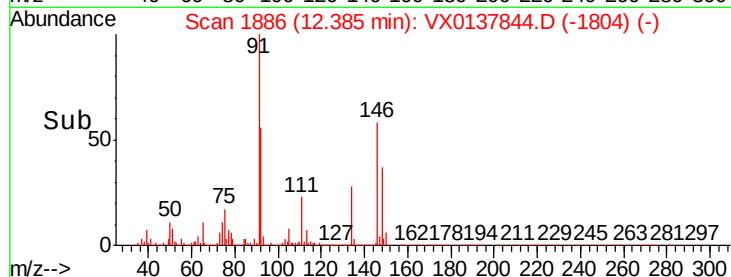
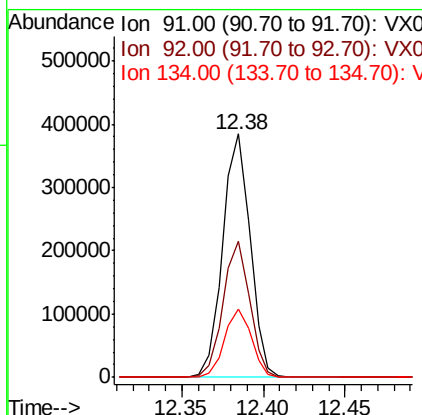
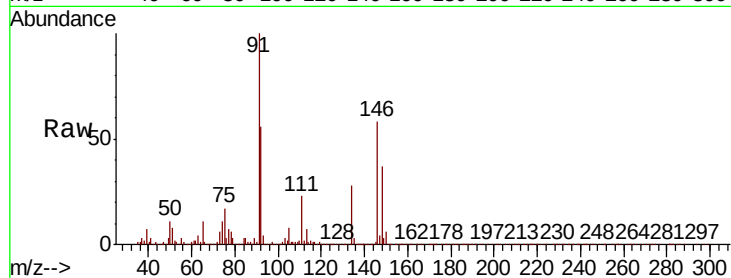
MSVOA_X

ClientSampled :

Tot Ion:	91	Resp:	449991
Ion Ratio	Lower	Upper	
91	100		
92	54.3	0.0	109.0
134	27.5	0.0	53.0

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#86

Hexachloroethane

Concen: 18.788 ug/l

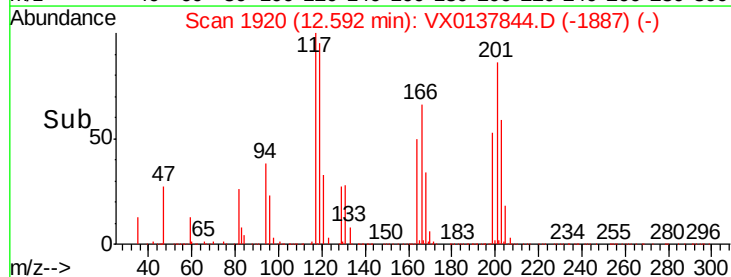
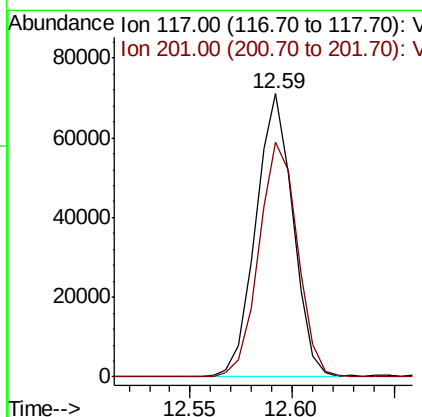
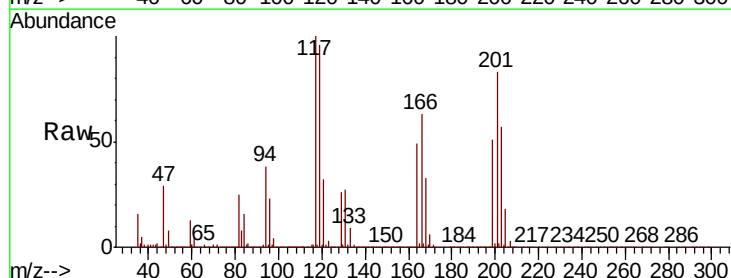
RT: 12.59 min Scan# 1920

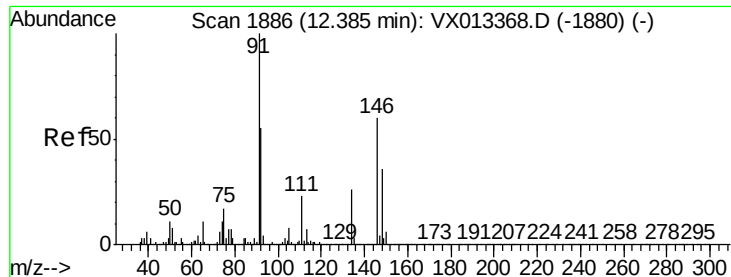
Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion:	117	Resp:	89890
Ion Ratio	Lower	Upper	
117	100		
201	86.3	44.5	133.3





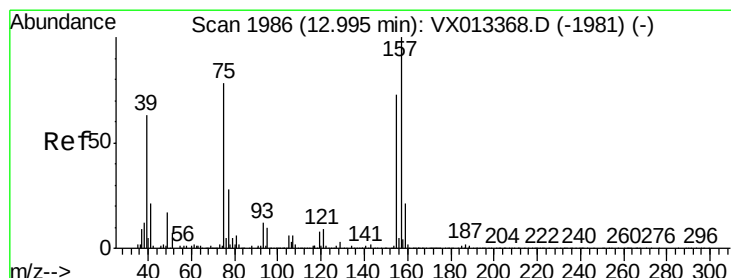
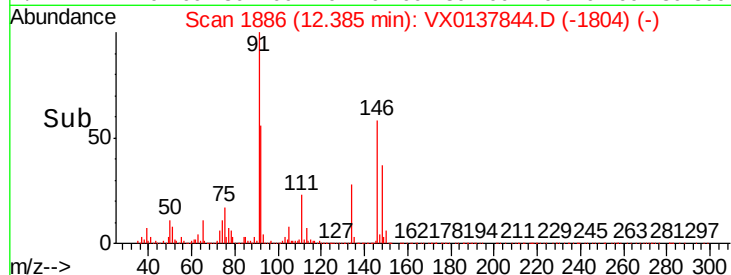
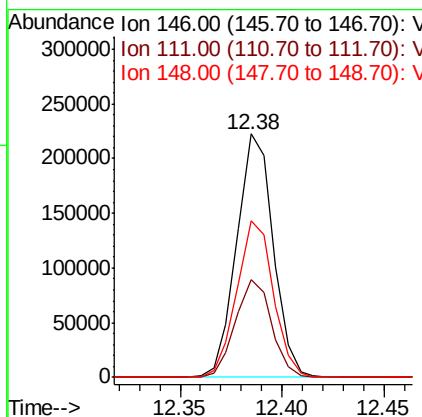
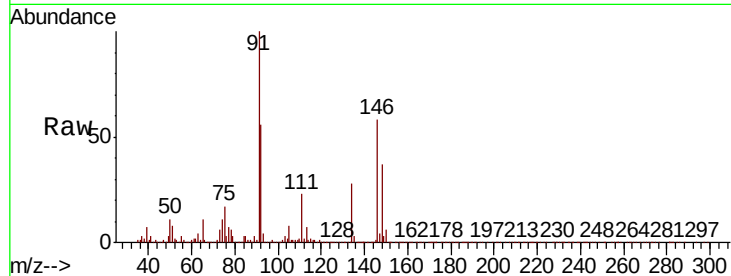
#87
 1,2-Dichlorobenzene
 Concen: 20.419 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	64.5	31.6	94.7

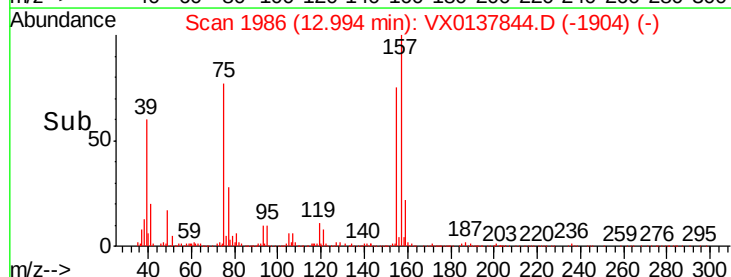
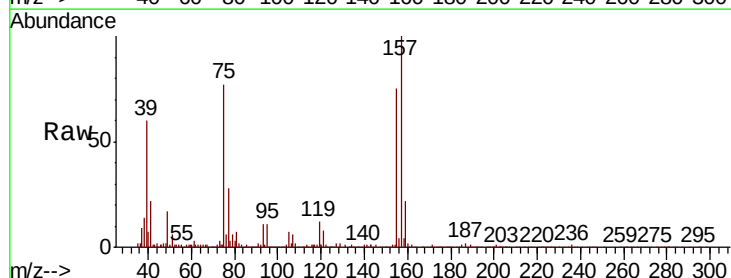
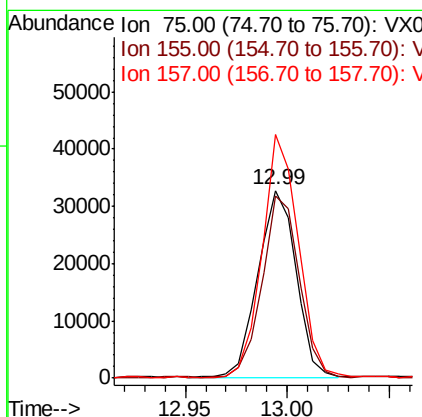
Manual Integrations
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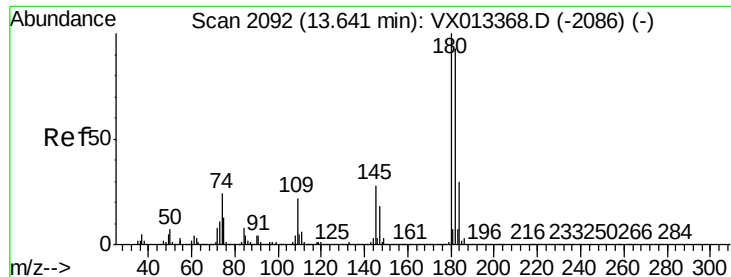
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.345 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX0137844.D
 Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	76.9	115.3
157	122.0	101.2	151.8





#89

1,2,4-Trichlorobenzene

Concen: 19.858 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Instrument :

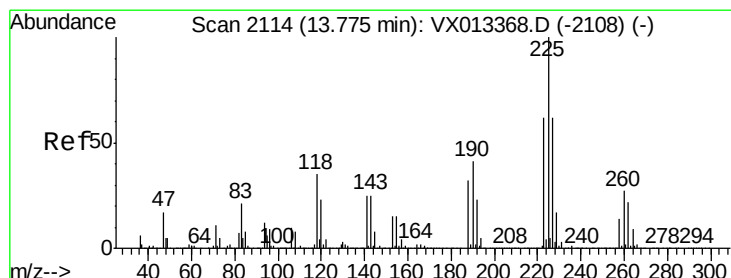
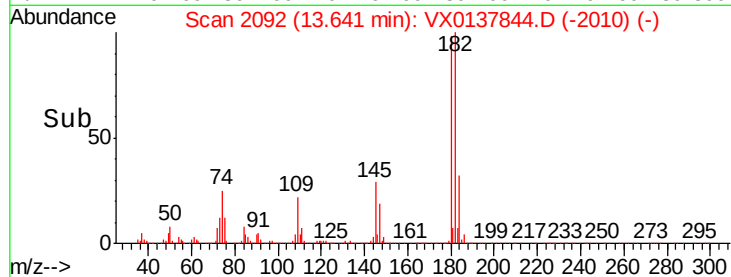
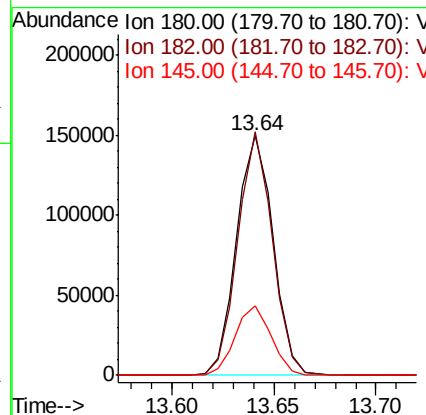
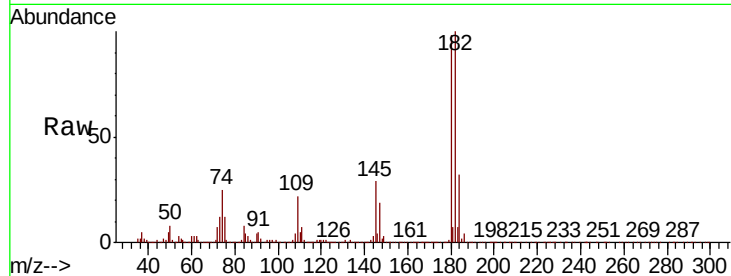
MSVOA_X

ClientSampleId :

Tot Ion:	180	Resp:	185652
Ion Ratio	Lower	Upper	
180	100		
182	95.9	74.7	112.1
145	28.9	22.1	33.1

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#90

Hexachlorobutadiene

Concen: 18.407 ug/l

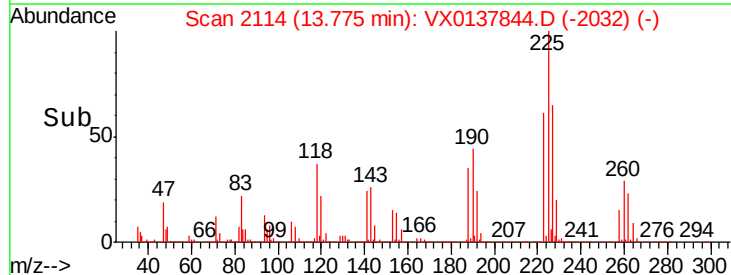
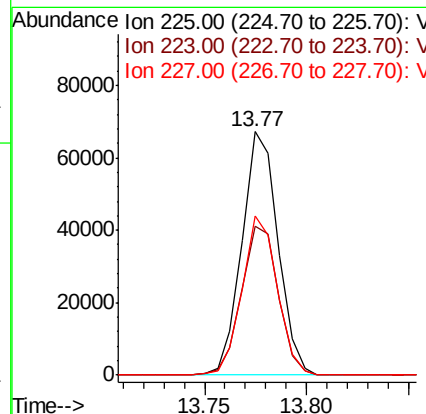
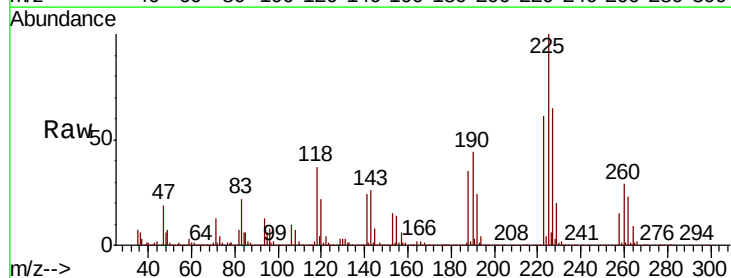
RT: 13.77 min Scan# 2114

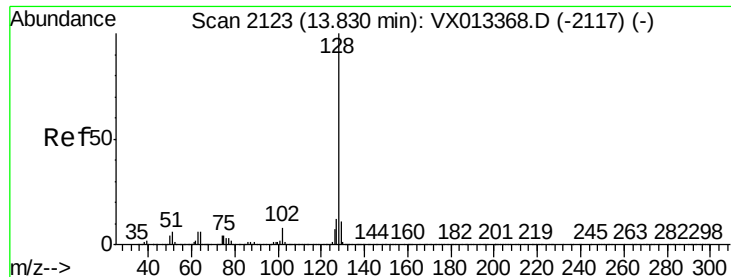
Delta R.T. -0.00 min

Lab File: VX0137844.D

Acq: 07 Dec 2019 16:35

Tgt Ion:	225	Resp:	82461
Ion Ratio	Lower	Upper	
225	100		
223	62.8	0.0	123.0
227	63.6	0.0	121.8





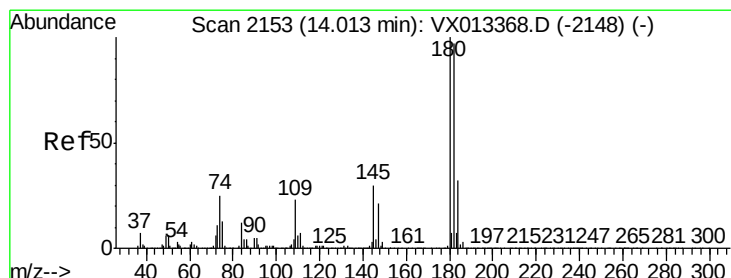
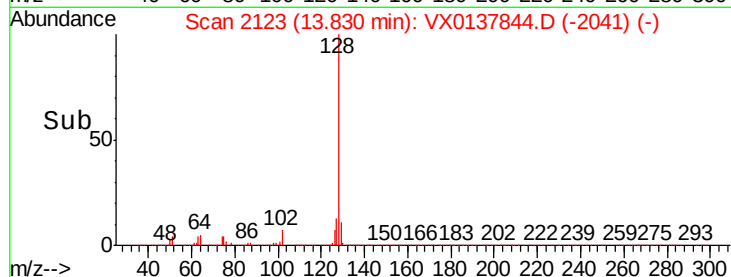
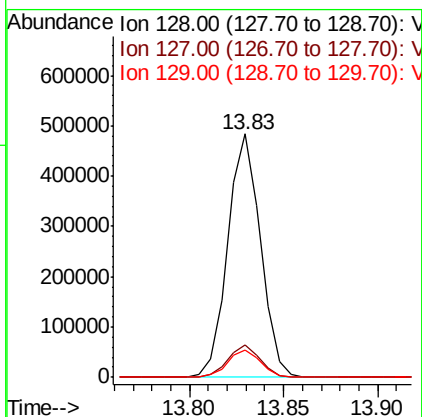
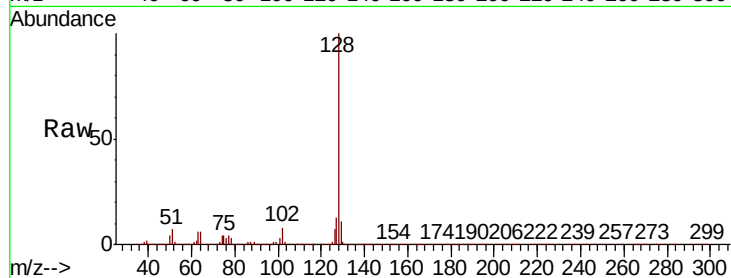
#91
Naphthalene
Concen: 19.658 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
128	100	581886		
127	13.1	10.2	15.2	
129	11.1	8.8	13.2	

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#92
1,2,3-Trichlorobenzene
Concen: 19.804 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX0137844.D
Acq: 07 Dec 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	187105		
182	96.0	0.0	191.0	
145	30.6	0.0	59.0	

