

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121219\
 Data File : VX013996.D
 Acq On : 13 Dec 2019 00:54
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX121219

Manual Integrations
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 12/13/2019 12:40:16 PM

Quant Time: Dec 13 02:20:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	89754	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	499369	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	451742	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	191065	29.72	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.07%
60) 4-Bromofluorobenzene	11.14	95	215265	29.51	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.37%
63) Toluene-d8	8.71	98	608662	30.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	85994	18.967	ug/l 96
3) Chloromethane	1.31	50	127990	20.029	ug/l 97
4) Vinyl Chloride	1.40	62	125299	19.128	ug/l 99
5) Bromomethane	1.63	94	100306	20.947	ug/l 98
6) Chloroethane	1.70	64	77391	19.127	ug/l 96
7) Trichlorofluoromethane	1.92	101	157154	19.280	ug/l 99
8) Diethyl Ether	2.18	74	70832	18.905	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92939	19.117	ug/l 97
10) 1,1-Dichloroethene	2.36	96	99411	19.779	ug/l 98
11) Methyl Iodide	2.50	142	100888	15.593	ug/l 98
12) Methyl Acetate	2.76	43	149508	19.215	ug/l 96
13) Acrolein	2.28	56	101472	107.525	ug/l 99
14) Acrylonitrile	3.13	53	296311	97.416	ug/l 100
15) Acetone	2.44	58	77950	87.237	ug/l 82
16) Carbon Disulfide	2.56	76	282582	20.755	ug/l 96
17) Allyl chloride	2.72	41	174342	19.304	ug/l 98
18) Methylene Chloride	2.84	84	122345	19.866	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	110756	20.124	ug/l 99
20) Diisopropyl ether	3.84	45	354331	19.120	ug/l 98
21) 1,1-Dichloroethane	3.69	63	192053	19.095	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	124876	19.572	ug/l 99
23) tert-Butyl Alcohol	3.05	59	117048	98.108	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	327047	19.263	ug/l 99
25) Chloroform	5.20	83	185607	19.356	ug/l 100
26) Cyclohexane	5.57	56	173443	19.339	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	143211	19.854	ug/l 99
30) 2-Butanone	4.66	43	409827	96.393	ug/l 100
31) 2,2-Dichloropropane	4.58	77	127431	19.098	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	156504	19.616	ug/l 98
33) Carbon Tetrachloride	5.78	117	130453	19.235	ug/l 98
34) Benzene	6.13	78	439924	19.559	ug/l 98
35) Methacrylonitrile	5.03	41	89352	19.540	ug/l 96
36) 1,2-Dichloroethane	6.18	62	153216	19.611	ug/l 99
37) Trichloroethene	7.21	130	118536	19.368	ug/l 95
38) Methylcyclohexane	7.45	83	170807	19.852	ug/l 98
39) 1,2-Dichloropropane	7.51	63	113704	19.464	ug/l 96
40) Dibromomethane	7.65	93	75813	20.315	ug/l 97

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Quant Time: Dec 13 02:20:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	136021	18.824	ug/l	98
42) Vinyl Acetate	3.80	43	1520472	101.292	ug/l	100
43) Ethyl Acetate	4.82	43	163138	19.997	ug/l	99
44) Isopropyl Acetate	6.44	43	263313	19.271	ug/l	100
45) 1,4-Dioxane	7.74	88	51987	406.289	ug/l	99
46) Methyl methacrylate	7.76	41	129080	19.449	ug/l	98
47) n-amyl Acetate	10.89	43	228738	18.827	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	150440	19.075	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	169795	19.144	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	110975	19.269	ug/l	98
51) Ethyl methacrylate	9.17	69	176552	19.272	ug/l	98
52) 1,3-Dichloropropane	9.37	76	189633	19.380	ug/l	99
53) Dibromochloromethane	9.57	129	108947	18.918	ug/l	99
54) 1,2-Dibromoethane	9.67	107	116396	19.629	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	403476	99.912	ug/l	99
56) Bromoform	10.85	173	82221	18.308	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	824152	97.506	ug/l	99
59) 2-Hexanone	9.49	43	618982	96.499	ug/l	98
61) Tetrachloroethene	9.33	164	112389	18.806	ug/l	97
62) Toluene	8.78	91	468845	19.514	ug/l	98
64) Chlorobenzene	10.14	112	295466	19.629	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	106965	19.191	ug/l	99
66) Ethyl Benzene	10.25	91	516434	19.641	ug/l	100
67) m/p-Xylenes	10.36	106	395717	39.370	ug/l	99
68) o-Xylene	10.70	106	192584	19.341	ug/l	99
69) Styrene	10.71	104	324968	19.192	ug/l	100
70) Isopropylbenzene	11.01	105	506002	19.665	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	176002	19.288	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	161597m	19.895	ug/l	
73) Bromobenzene	11.25	156	132124	19.235	ug/l	98
74) n-propylbenzene	11.35	91	568548	19.481	ug/l	98
75) 2-Chlorotoluene	11.42	91	343764	19.494	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	423786	19.415	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	49159	18.328	ug/l	96
78) 4-Chlorotoluene	11.51	91	386131	19.162	ug/l	97
79) tert-butylbenzene	11.76	119	414213	19.687	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	425043	19.474	ug/l	100
81) sec-Butylbenzene	11.94	105	481504	19.241	ug/l	98
82) p-Isopropyltoluene	12.06	119	439247	19.450	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	234658	19.600	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	229274	19.232	ug/l	100
85) n-Butylbenzene	12.39	91	358989	18.906	ug/l	99
86) Hexachloroethane	12.59	117	75250	18.368	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	234822	19.310	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	33568	18.456	ug/l	94
89) 1,2,4-Trichlorobenzene	13.64	180	149396	19.222	ug/l	99
90) Hexachlorobutadiene	13.78	225	71365	19.318	ug/l	99
91) Naphthalene	13.83	128	456562	19.544	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	149858	19.010	ug/l	99

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ClientSampleId :
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Manual Integrations
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Quant Time: Dec 13 02:20:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 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

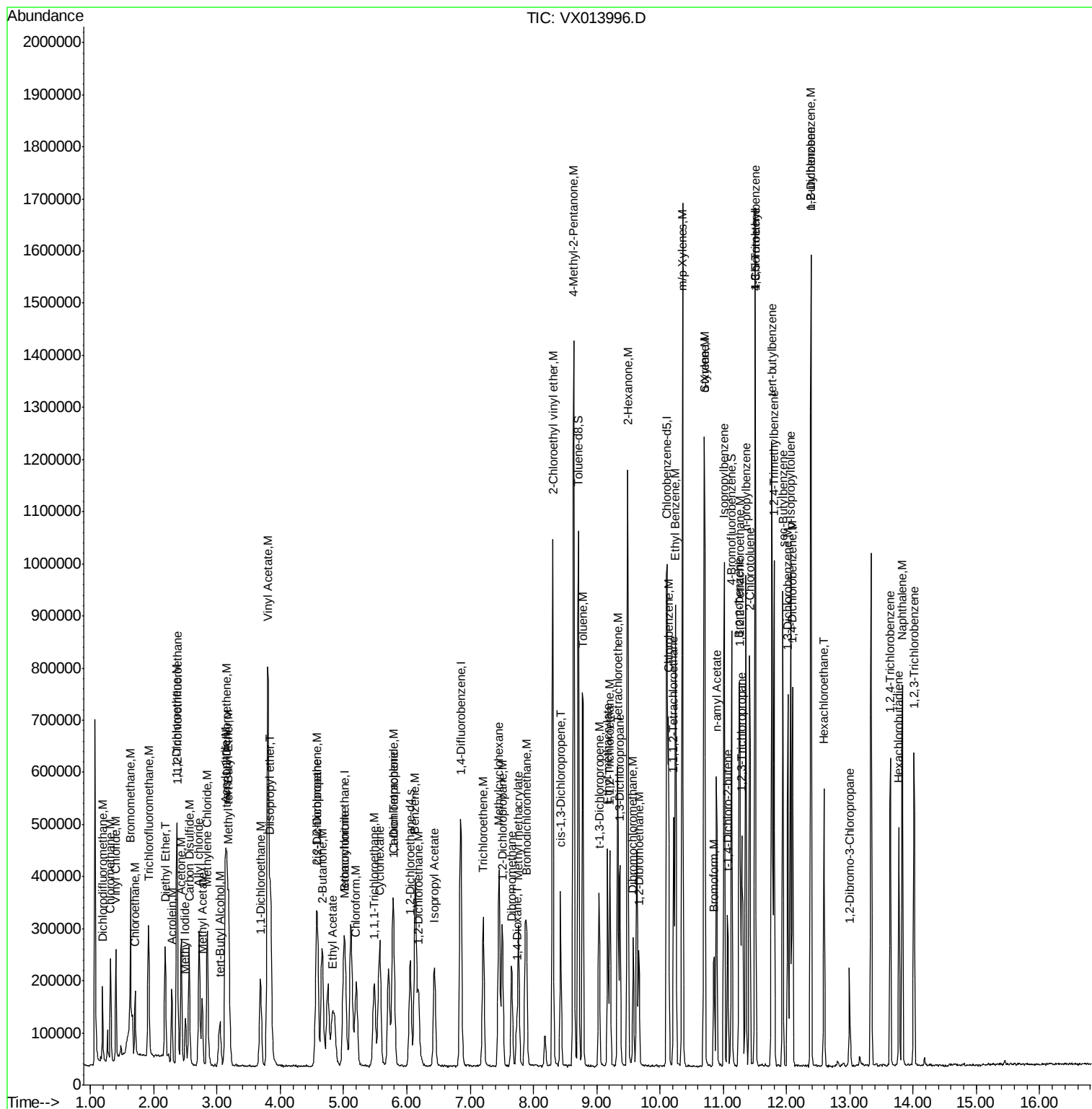
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Data File : VX013996.D
Acq On : 13 Dec 2019 00:54
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

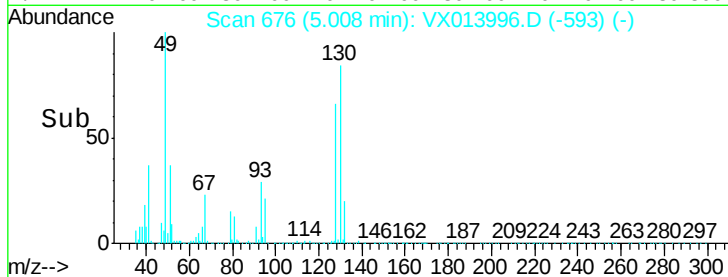
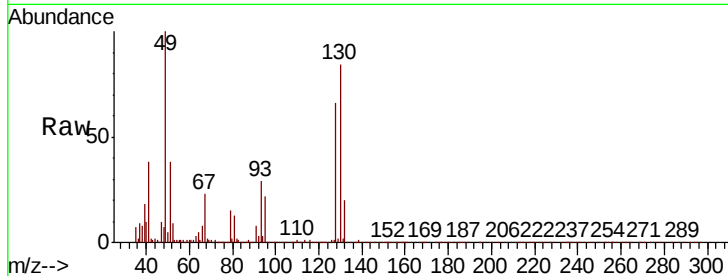
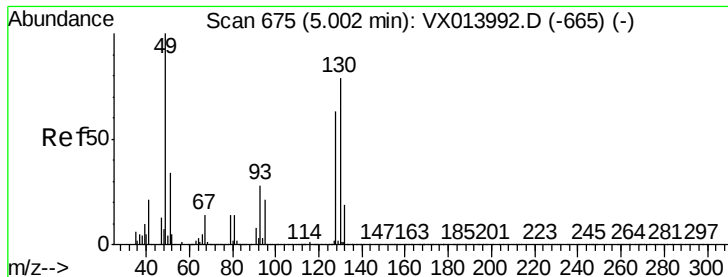
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Manual Integrations APPROVED

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#1

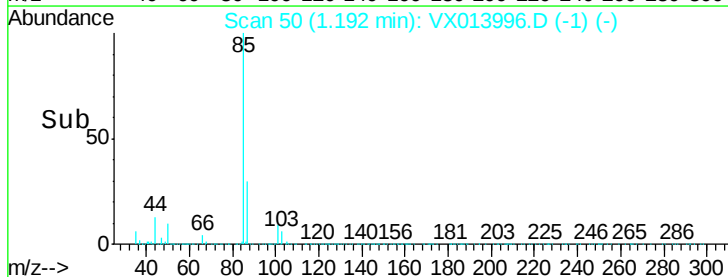
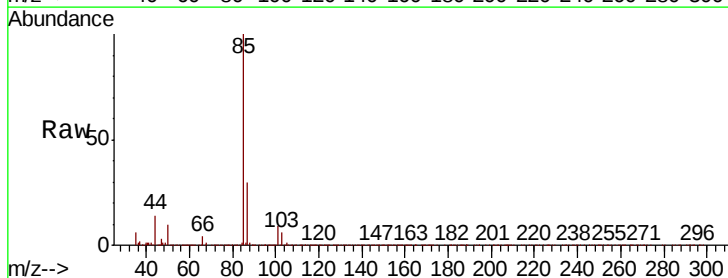
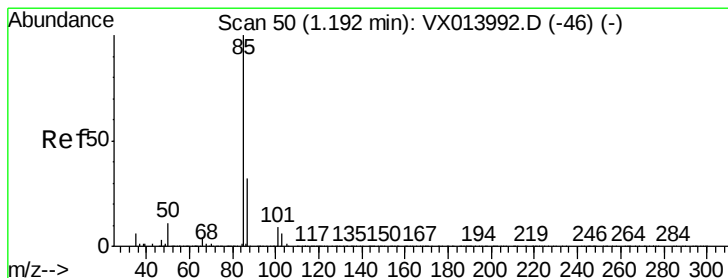
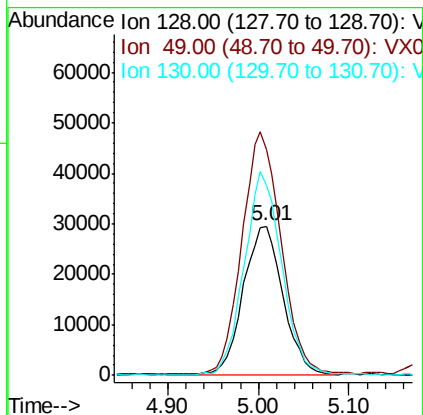
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tot Ion	Ratio	Lower	Upper
128	100		
49	160.0	0.0	405.0
130	128.2	0.0	321.5

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Manual Integrations
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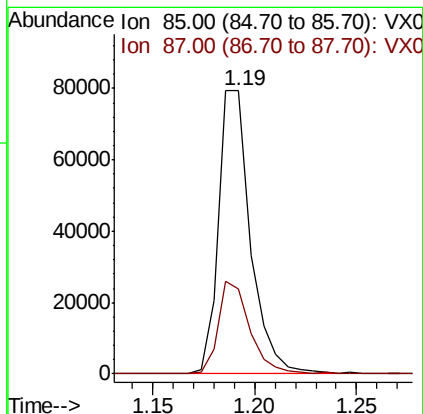
apatel
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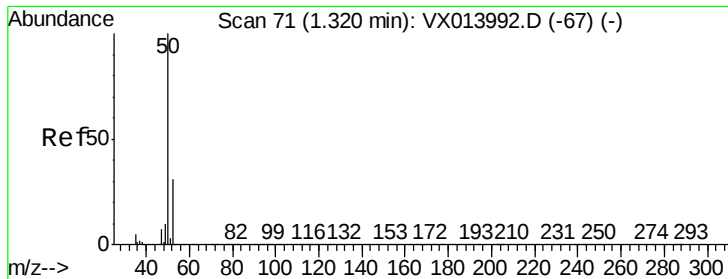


#2

Dichlorodifluoromethane
Concen: 18.967 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.1	16.3	48.9





#3

Chloromethane

Concen: 20.029 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

Tot Ion: 50 Resp: 127990

Ion Ratio Lower Upper

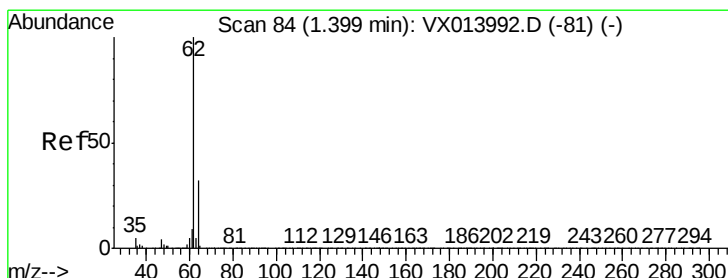
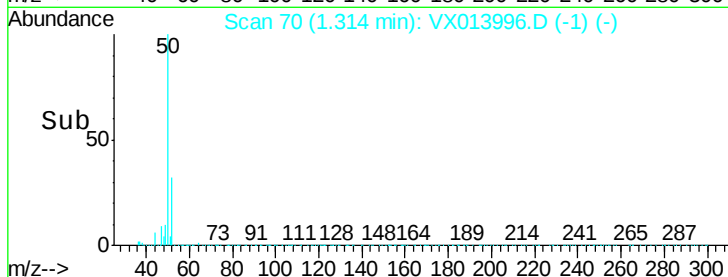
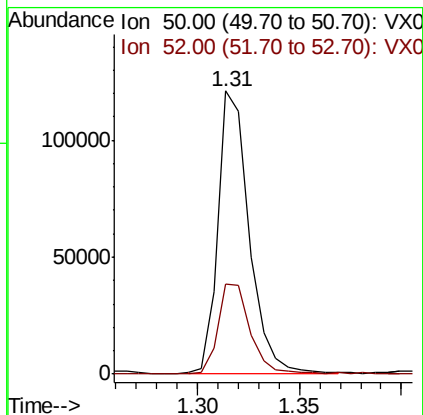
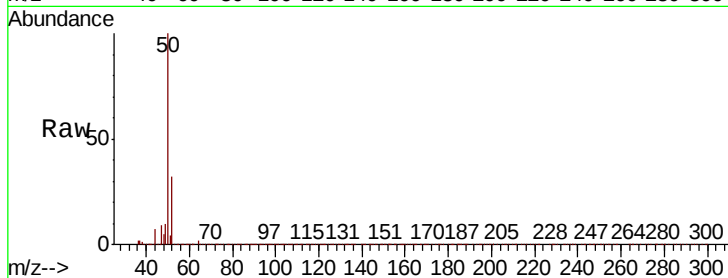
50 100

52 31.9 24.3 36.5

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#4

Vinyl Chloride

Concen: 19.128 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013996.D

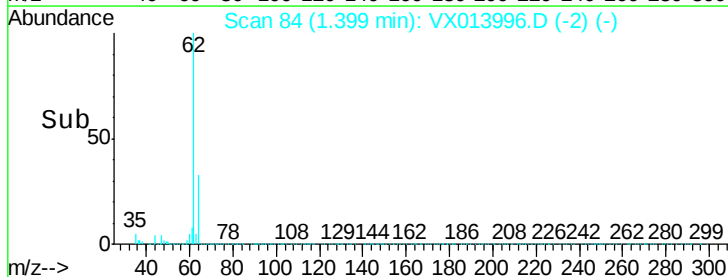
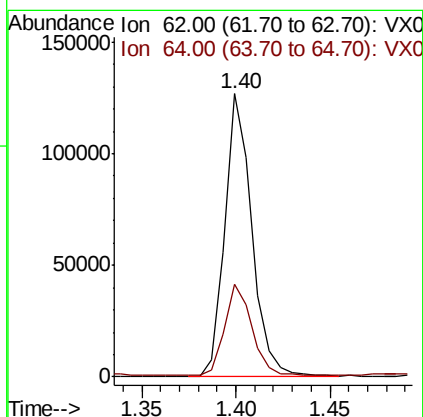
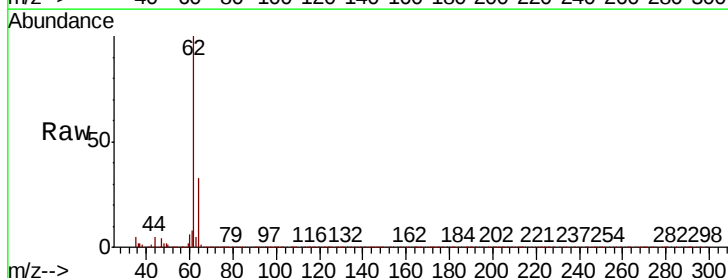
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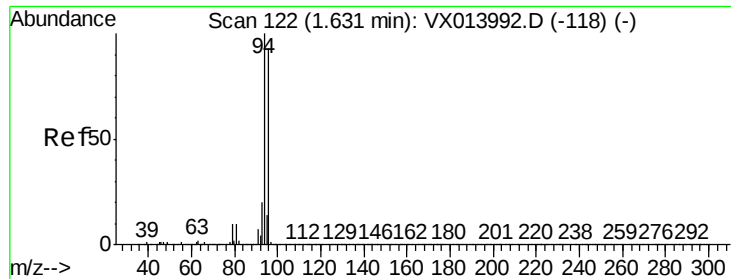
Tgt Ion: 62 Resp: 125299

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8





#5

Bromomethane

Concen: 20.947 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

Tot Ion: 94 Resp: 100306

Ion Ratio Lower Upper

94 100

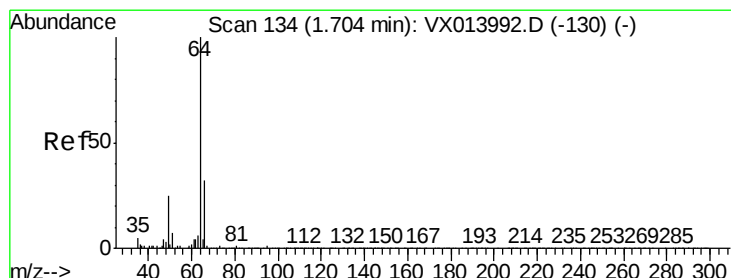
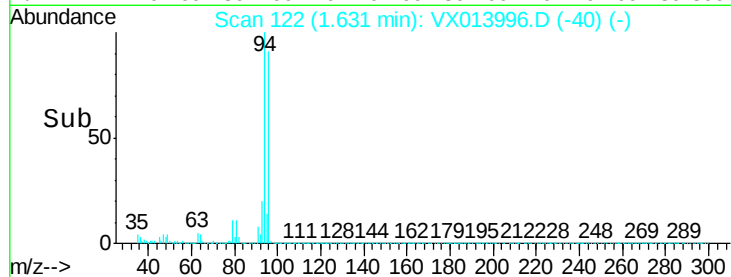
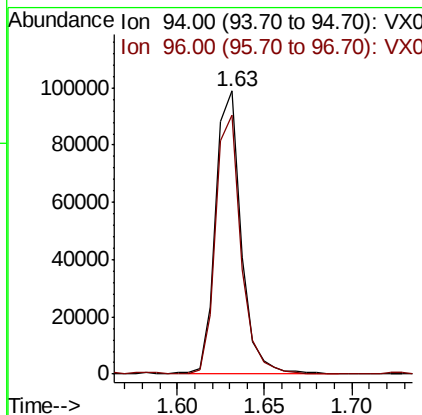
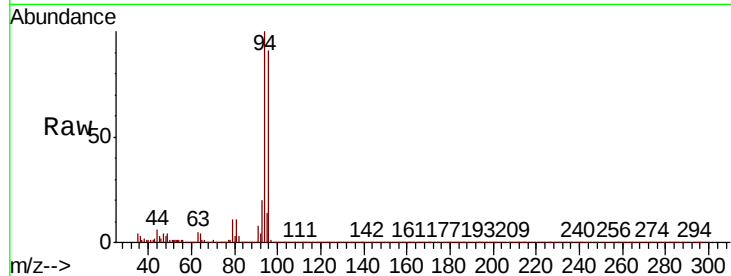
96 91.6 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 19.127 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013996.D

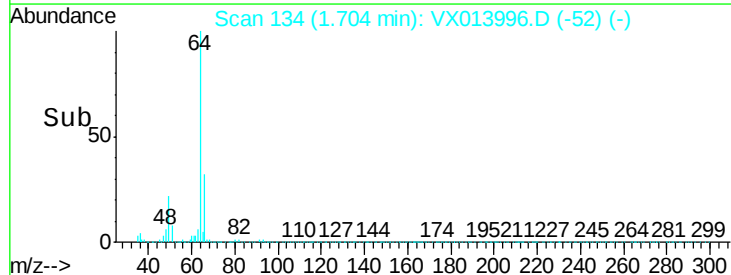
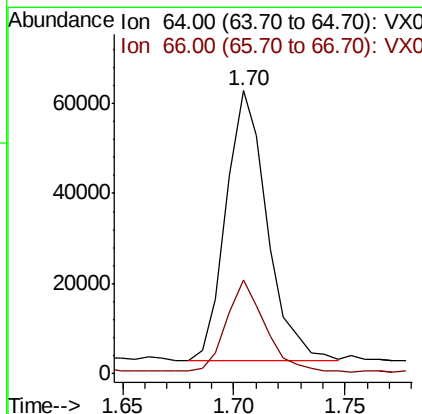
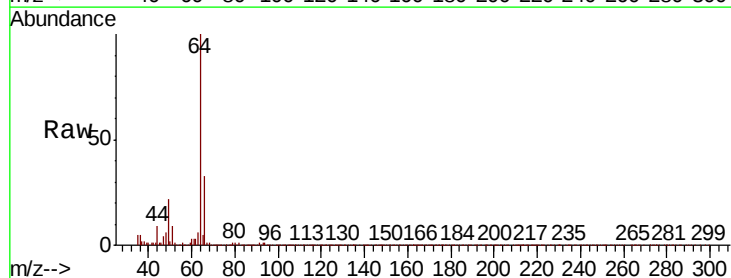
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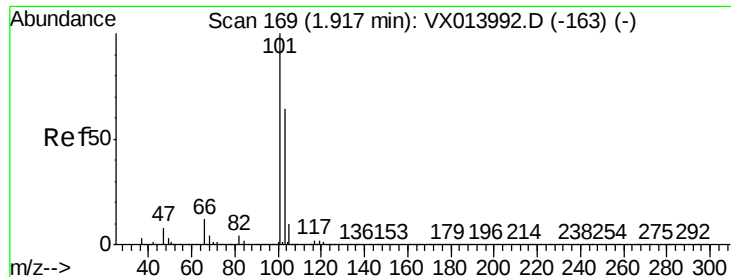
Tgt Ion: 64 Resp: 77391

Ion Ratio Lower Upper

64 100

66 33.9 25.2 37.8





#7

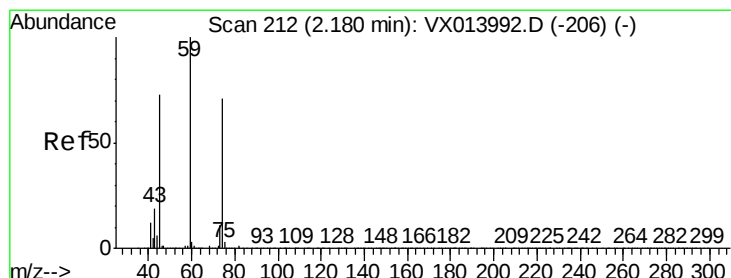
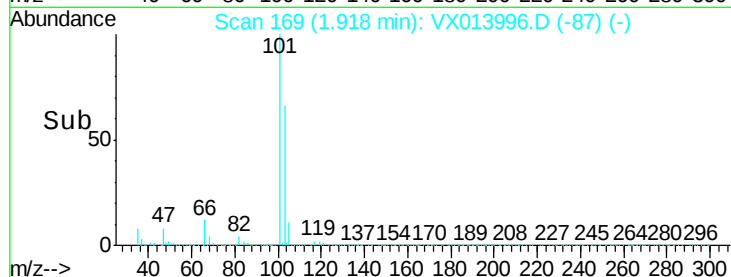
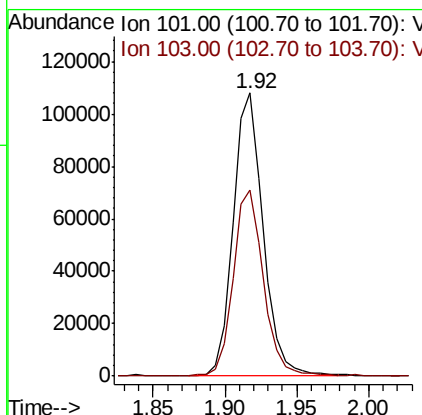
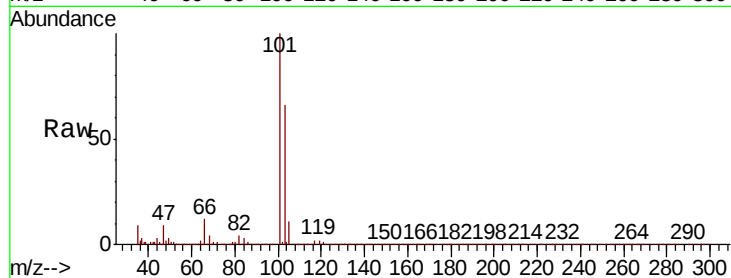
Trichlorofluoromethane
Concen: 19.280 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.6	77.4

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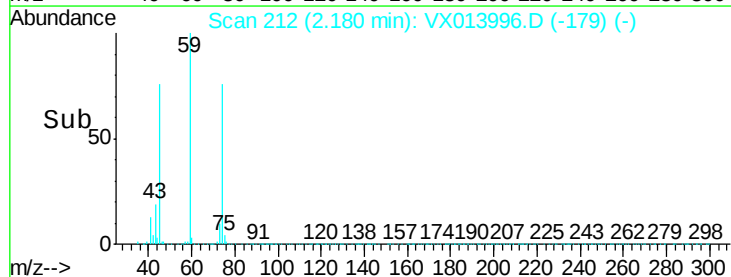
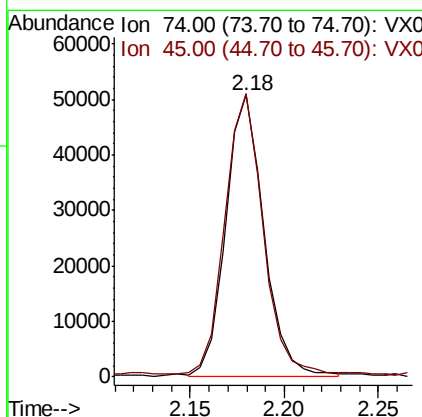
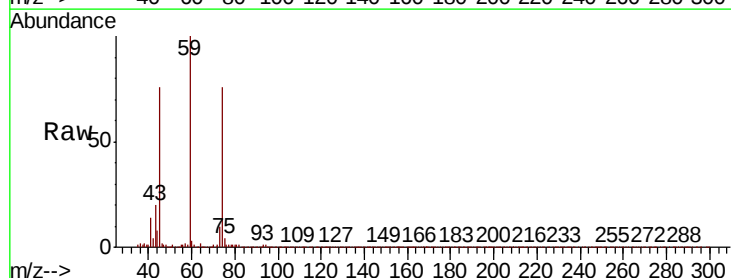
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12/13/2019 12:40:16 PM

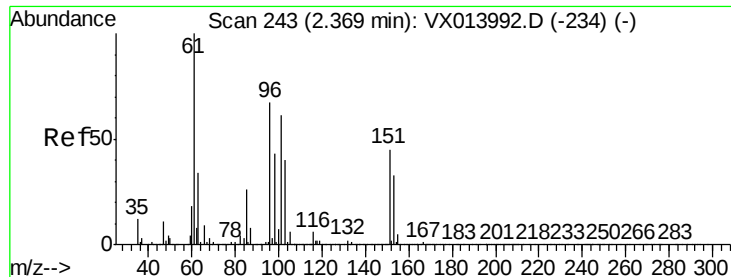


#8

Diethyl Ether
Concen: 18.905 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.3	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.117 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

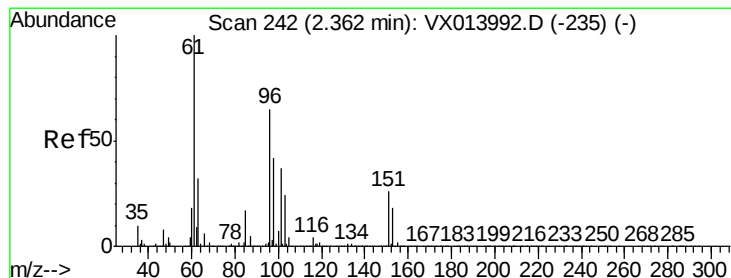
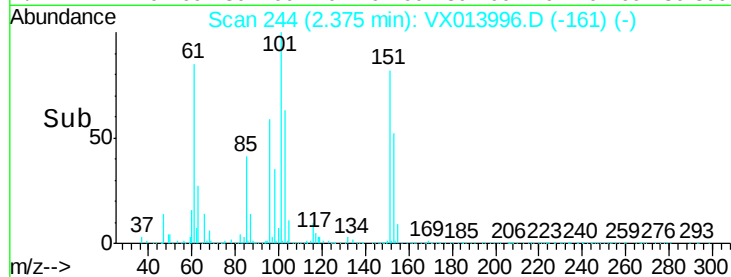
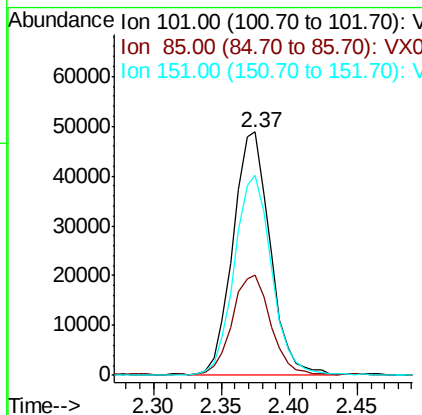
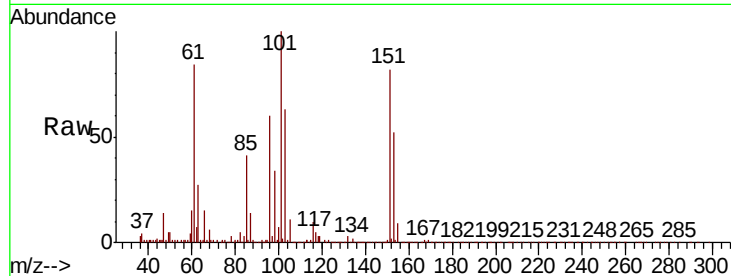
ClientSampleId :

ICVVX121219

Tot Ion:	101	Resp:	92939
Ion Ratio	Lower	Upper	
101	100		
85	42.0	0.0	85.6
151	83.1	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.779 ug/l

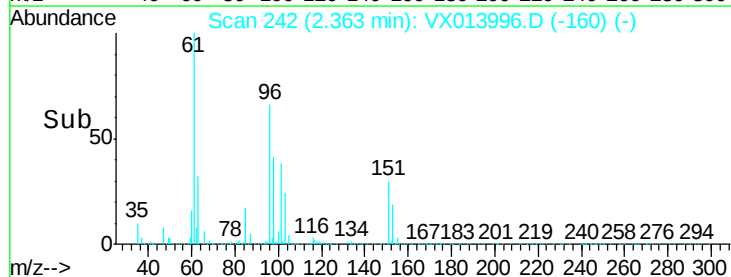
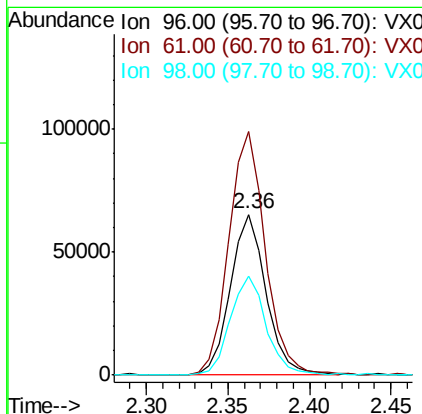
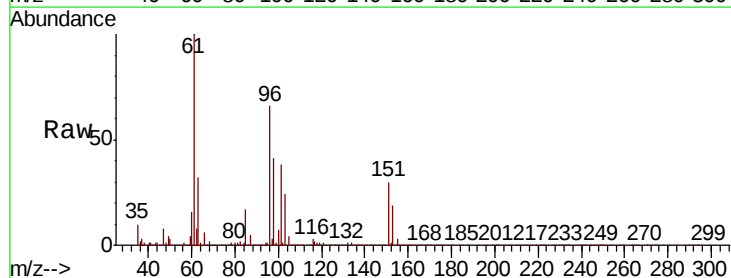
RT: 2.36 min Scan# 242

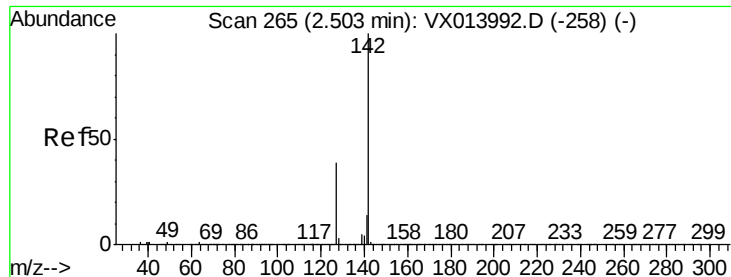
Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tgt Ion:	96	Resp:	99411
Ion Ratio	Lower	Upper	
96	100		
61	151.5	123.0	184.6
98	61.6	51.4	77.0





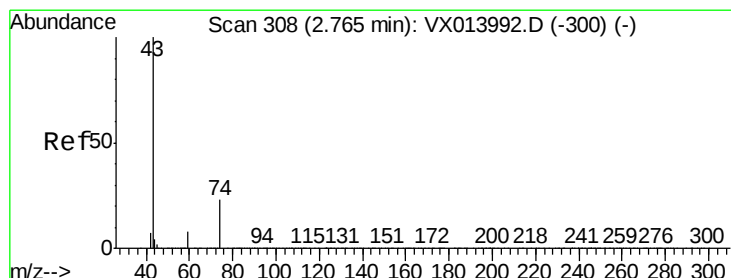
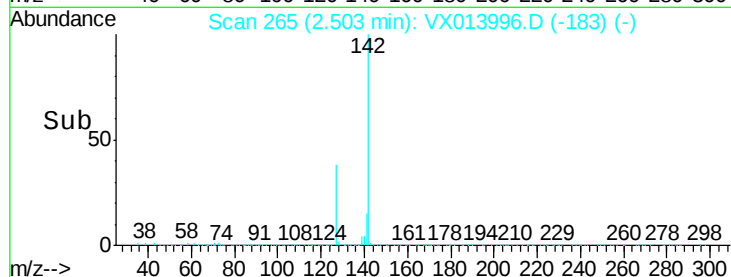
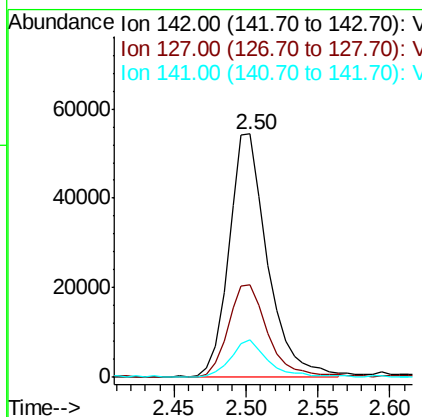
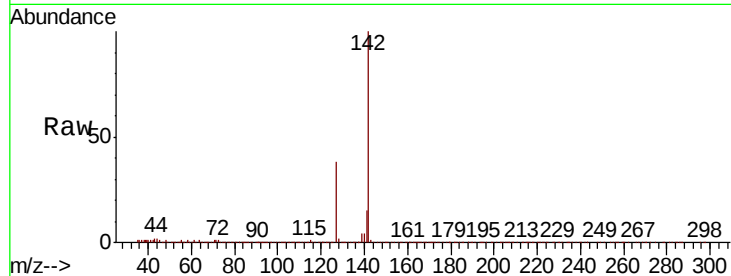
#11
Methvl Iodide
Concen: 15.593 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.6	19.5	58.5
141	15.0	7.0	20.9

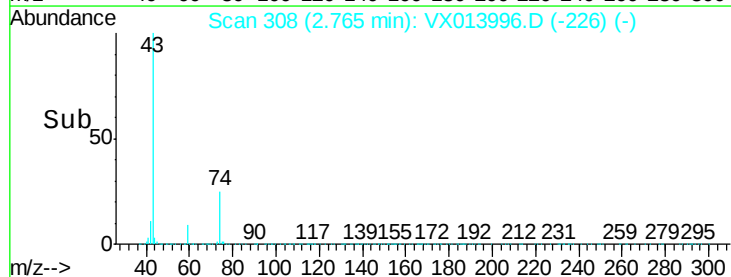
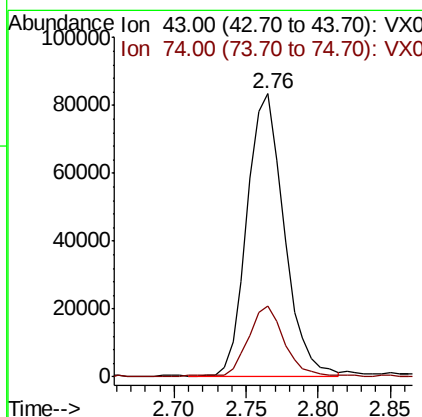
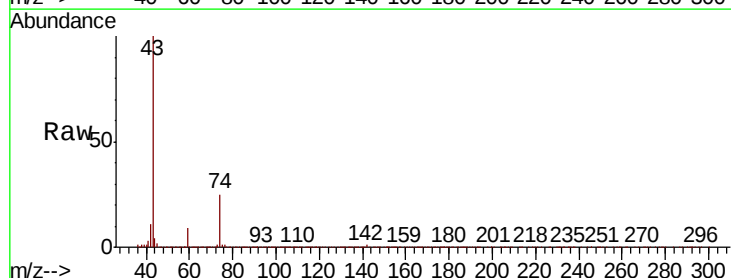
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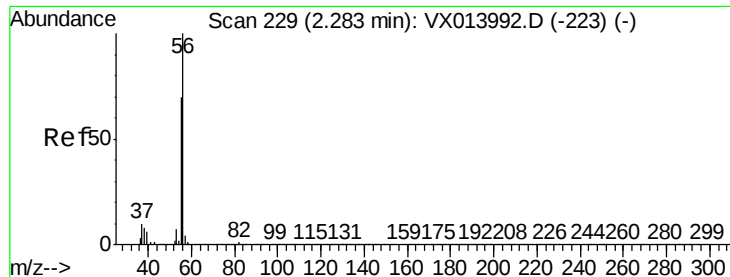
apatel
12/13/2019 12:40:16 PM



#12
Methyl Acetate
Concen: 19.215 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.5	27.7





#13

Acrolein

Concen: 107.525 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

Tot Ion: 56 Resp: 101472

Ion Ratio Lower Upper

56 100

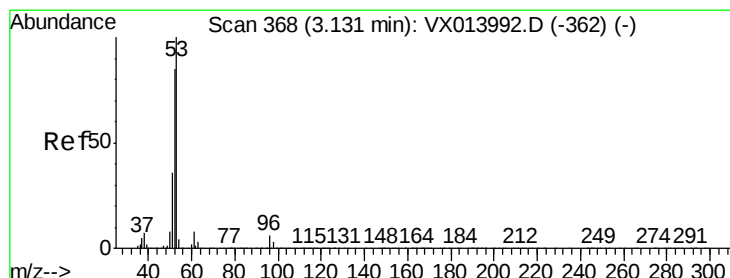
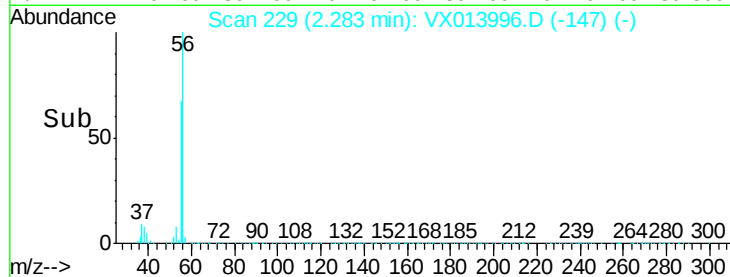
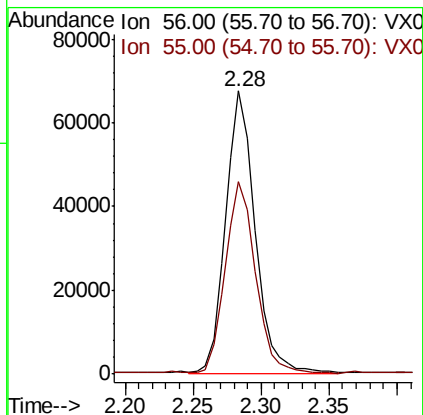
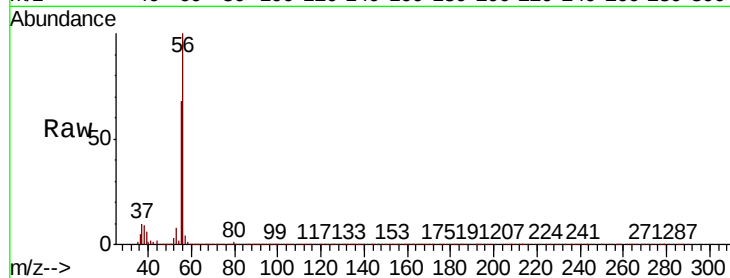
55 68.1 54.9 82.3

Manual Integrations

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#14

Acrylonitrile

Concen: 97.416 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

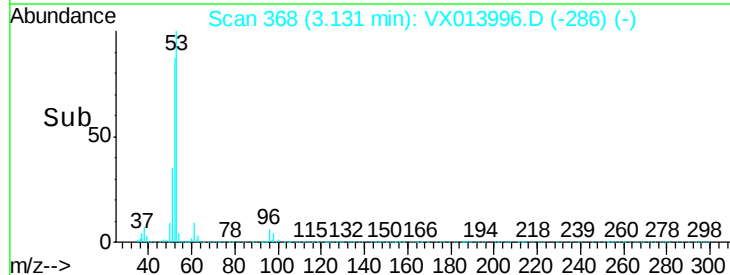
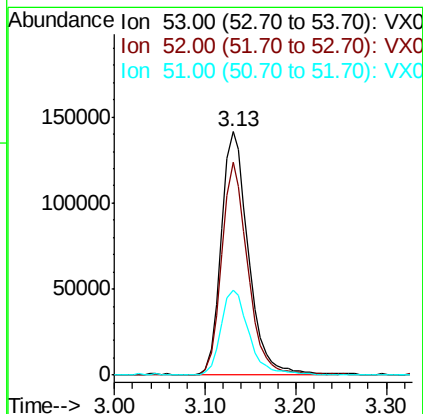
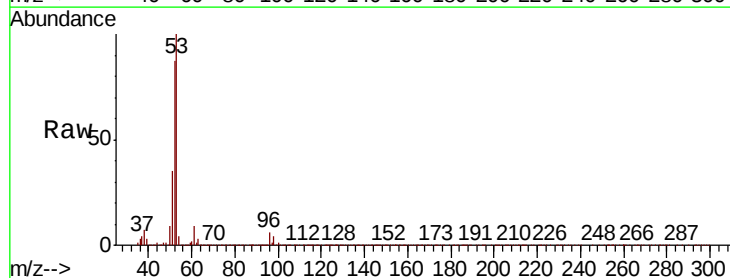
Tgt Ion: 53 Resp: 296311

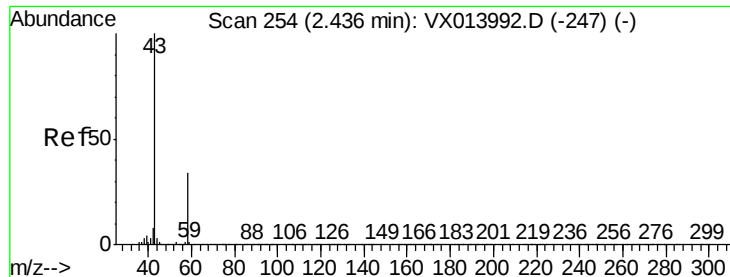
Ion Ratio Lower Upper

53 100

52 82.8 41.5 124.6

51 35.8 17.8 53.5





#15

Acetone

Concen: 87.237 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

Tot Ion: 58 Resp: 77950

Ion Ratio Lower Upper

58 100

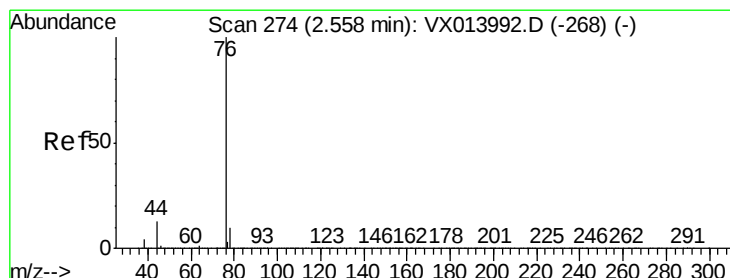
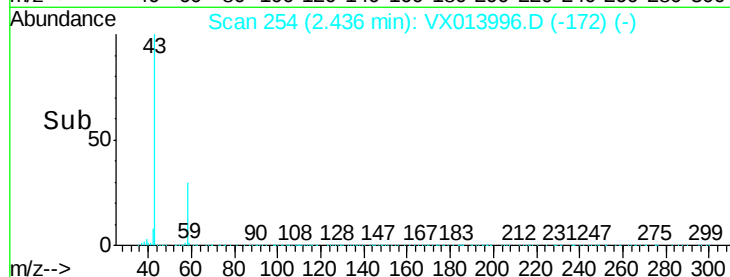
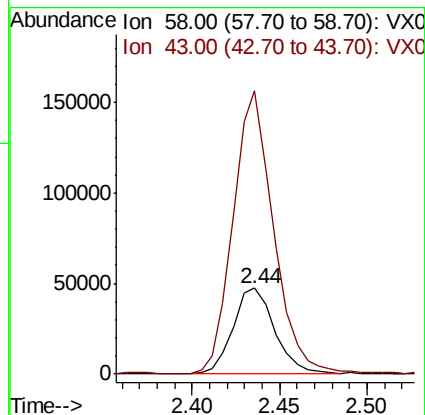
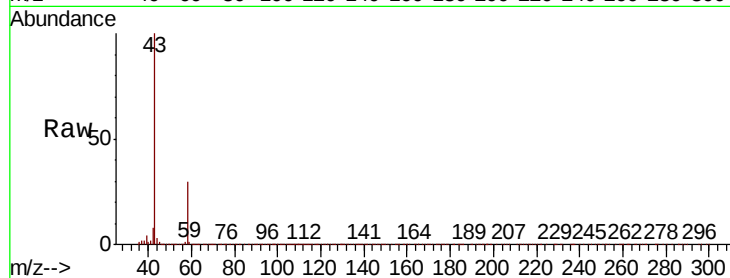
43 330.8 236.3 354.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 20.755 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013996.D

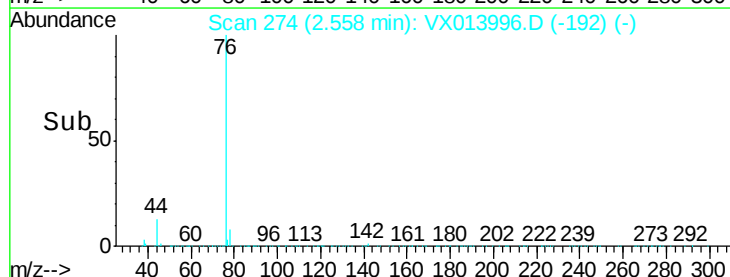
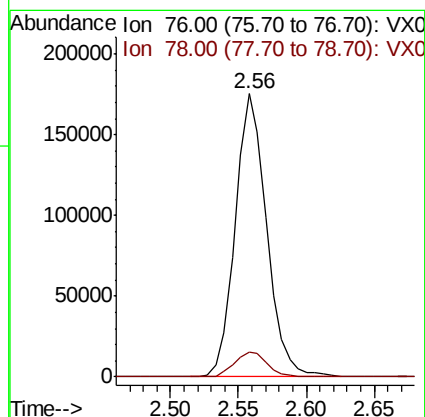
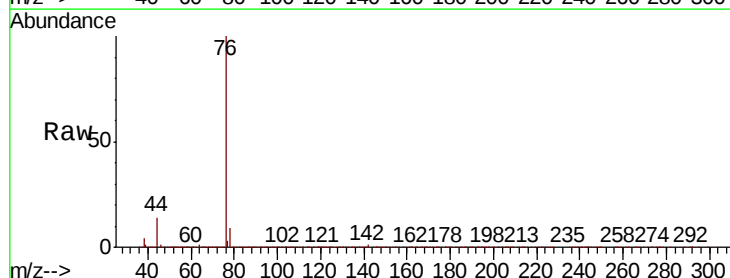
Acq: 13 Dec 2019 00:54

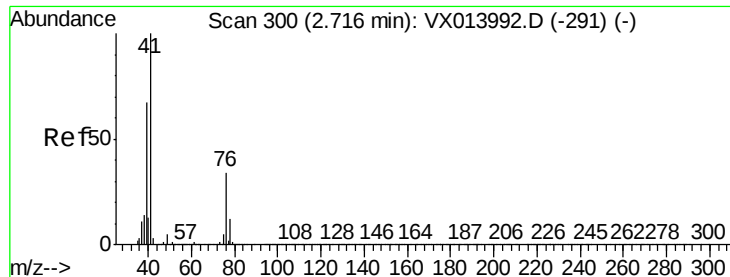
Tgt Ion: 76 Resp: 282582

Ion Ratio Lower Upper

76 100

78 8.4 7.8 11.8





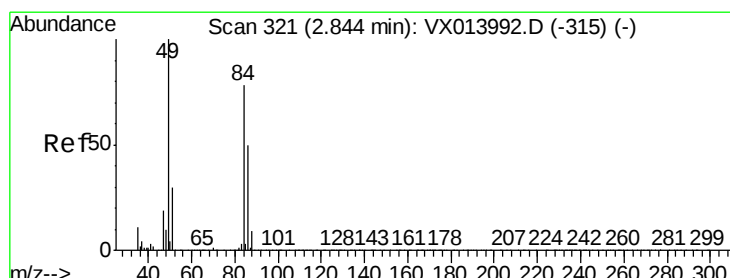
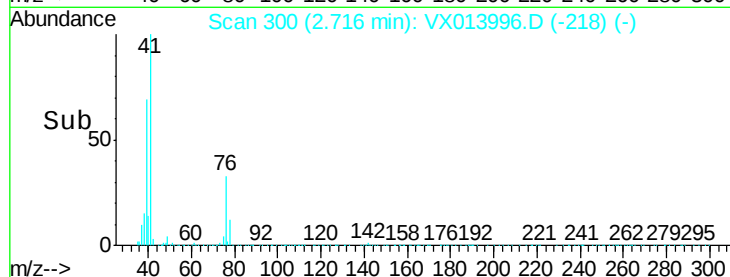
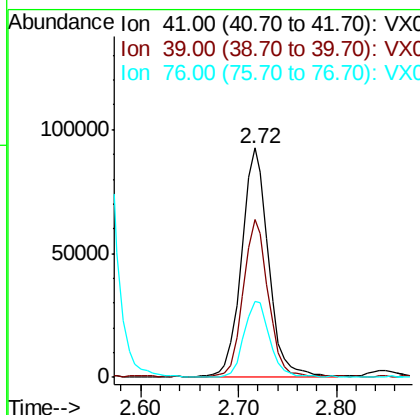
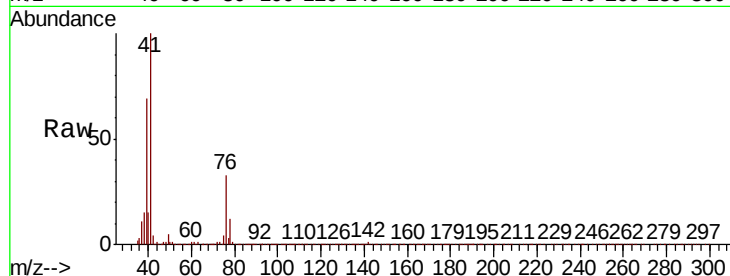
#17
Allvl chloride
Concen: 19.304 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion	Ratio	Resp	Lower	Upper
41	100	174342		
39	68.8		33.4	100.2
76	33.2		17.0	50.9

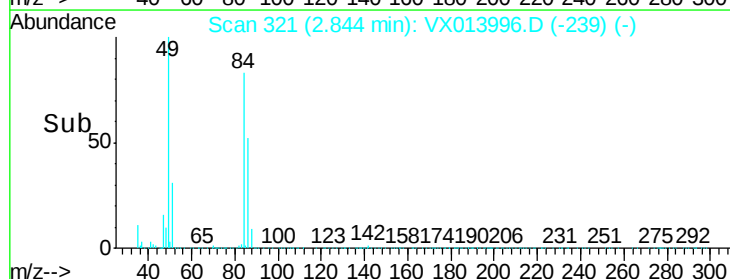
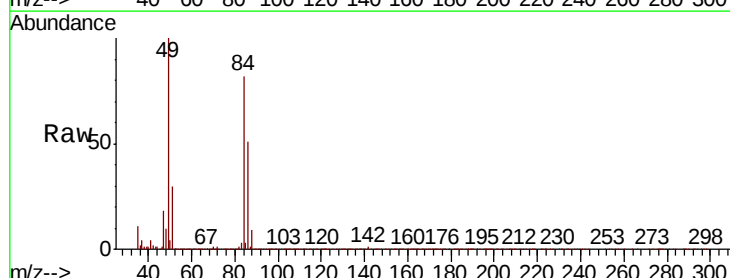
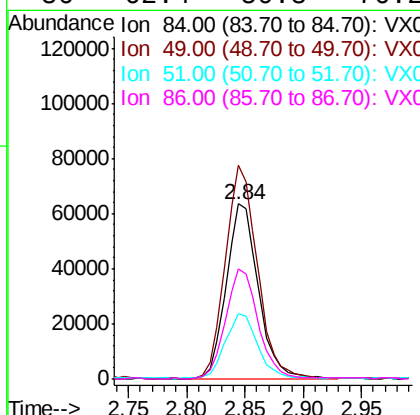
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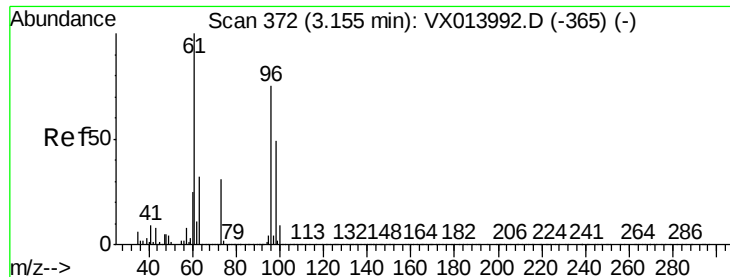
apatel
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#18
Methylene Chloride
Concen: 19.866 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	122345		
49	121.6		102.2	153.2
51	36.6		31.4	47.0
86	62.4		50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 20.124 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

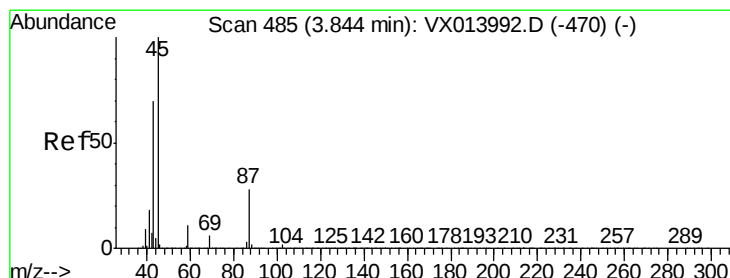
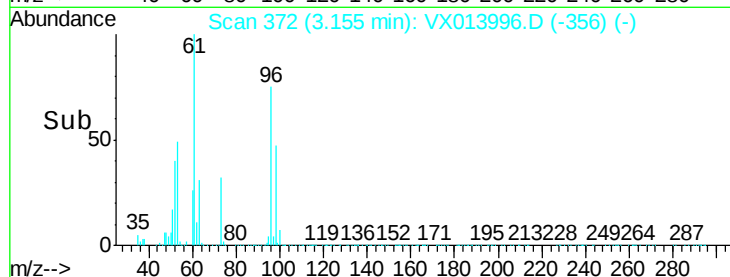
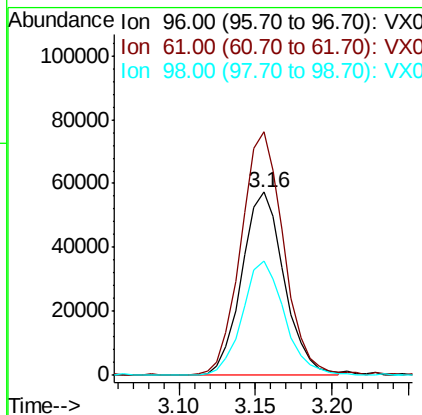
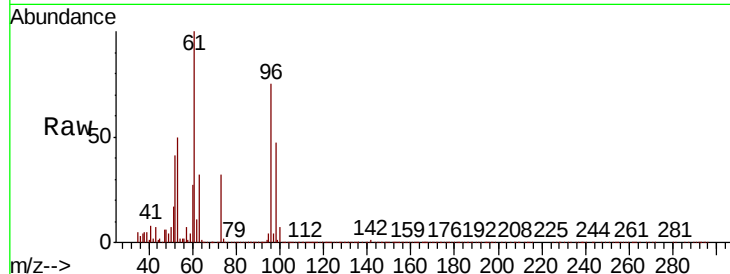
ClientSampleId :

ICVVX121219

Tot Ion:	96	Resp:	110756
Ion	Ratio	Lower	Upper
96	100		
61	132.8	106.6	159.8
98	61.8	51.6	77.4

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#20

Diisopropyl ether

Concen: 19.120 ug/l

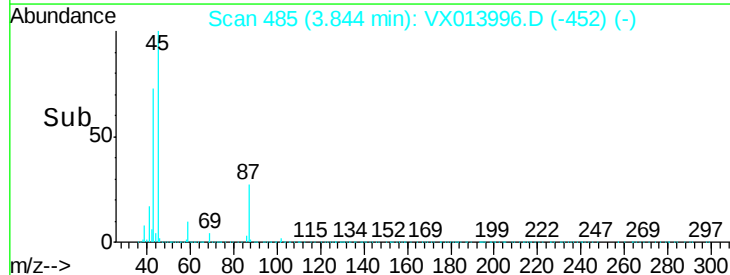
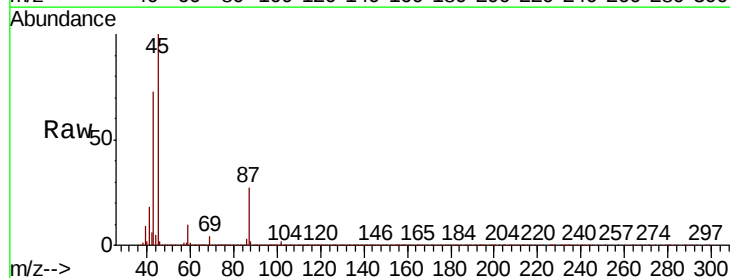
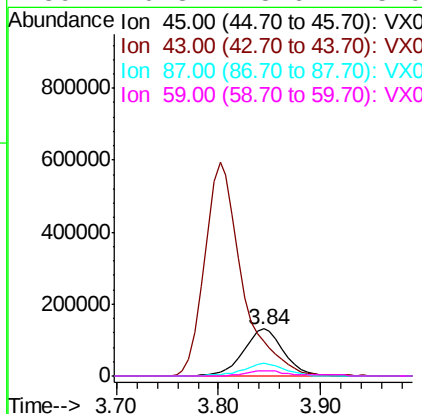
RT: 3.84 min Scan# 485

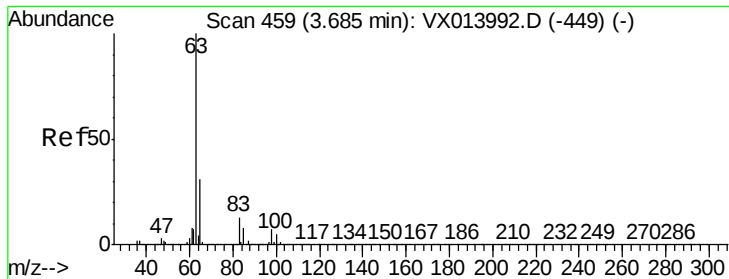
Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tgt Ion:	45	Resp:	354331
Ion	Ratio	Lower	Upper
45	100		
43	70.9	55.9	83.9
87	26.3	22.2	33.2
59	10.3	8.6	13.0





#21

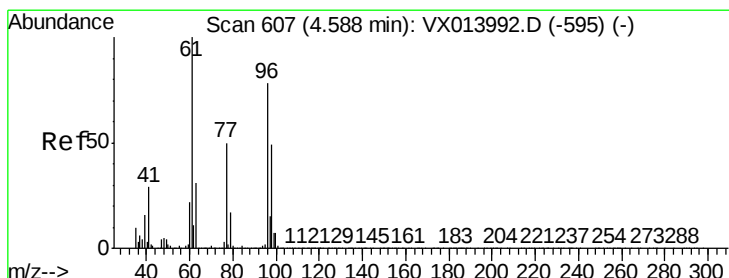
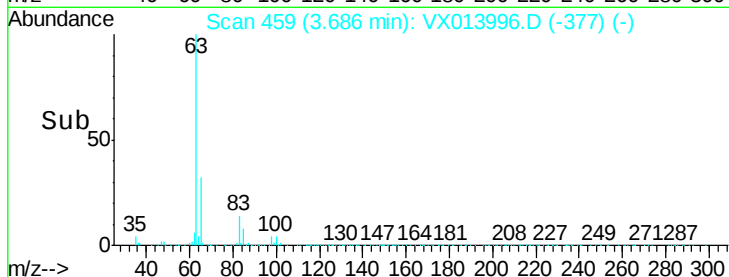
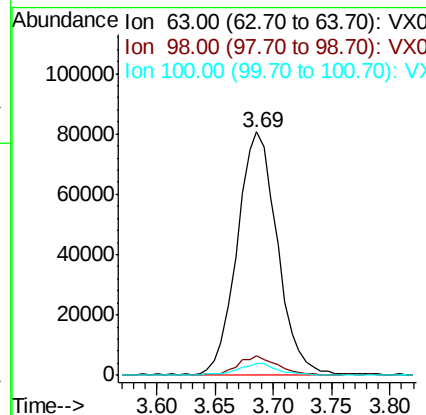
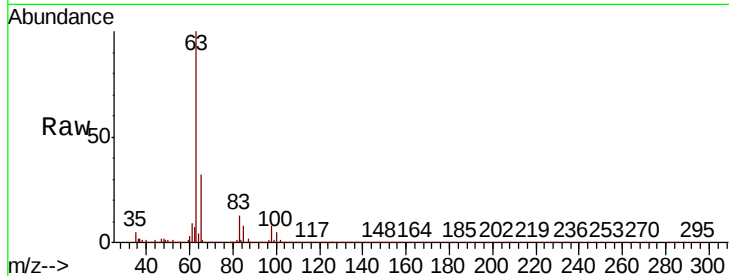
1,1-Dichloroethane
Concen: 19.095 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVX121219

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.4	10.1
100	4.6	2.5	7.4

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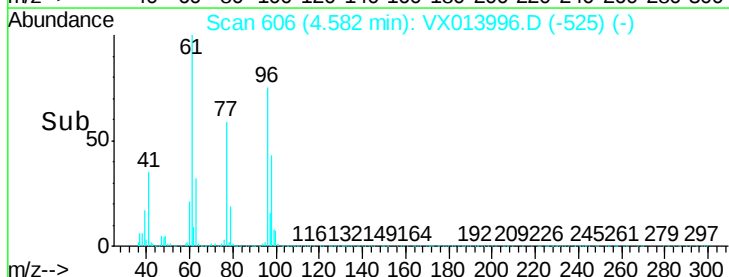
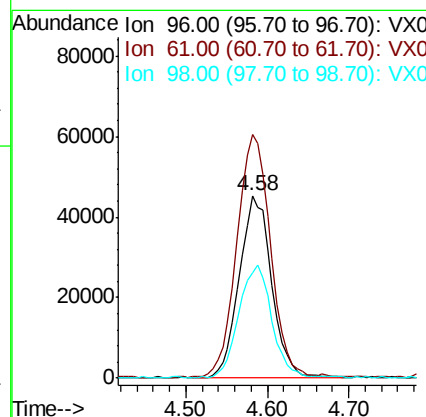
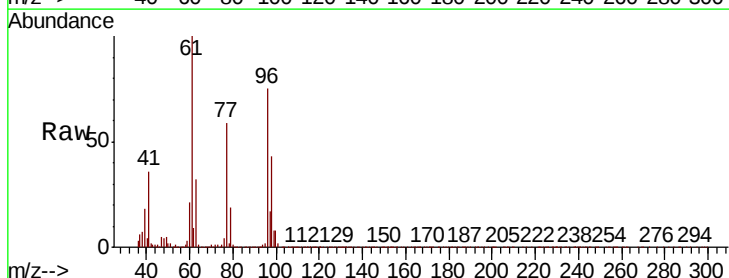
apatel
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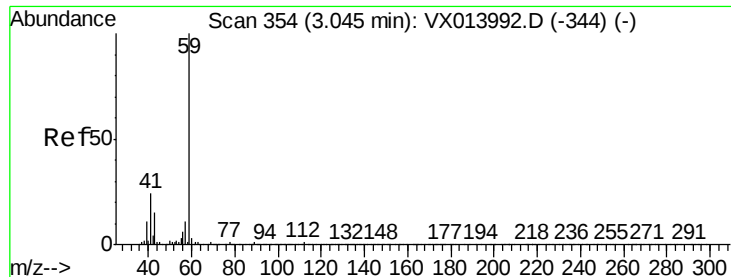


#22

cis-1,2-Dichloroethene
Concen: 19.572 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.9	112.4	168.6
98	62.1	50.3	75.5





#23

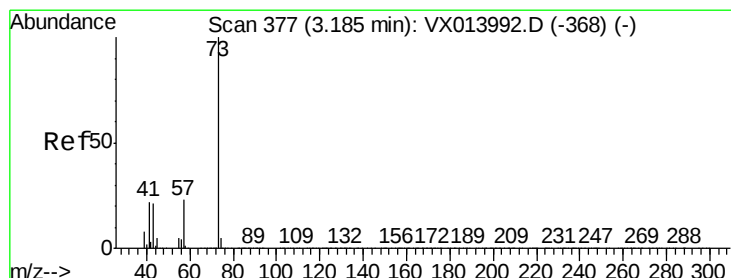
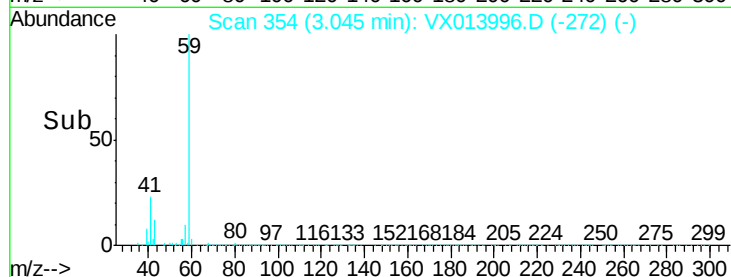
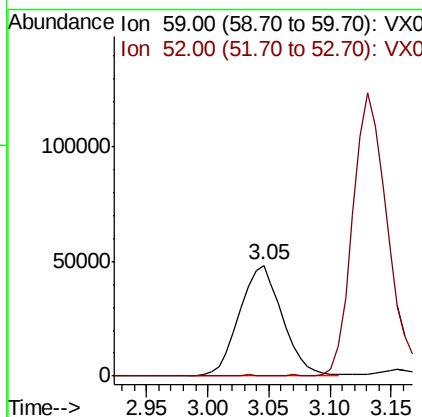
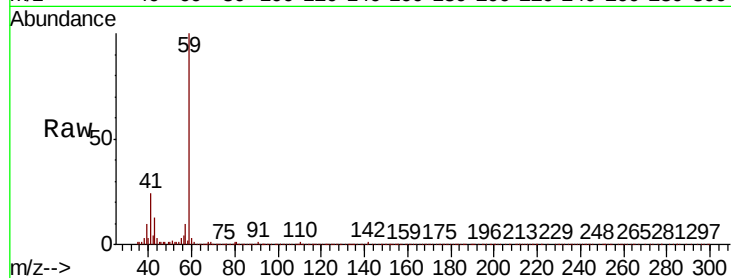
tert-Butyl Alcohol
 Concen: 98.108 ug/l
 RT: 3.05 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.4	0.2	0.2#

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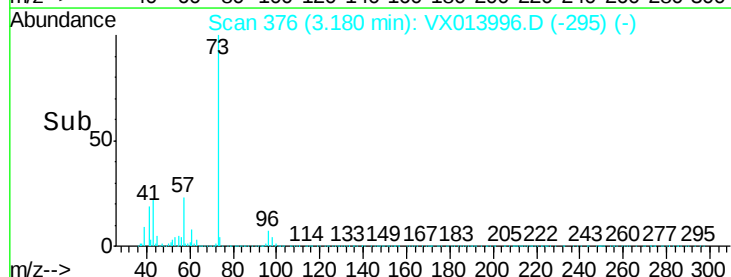
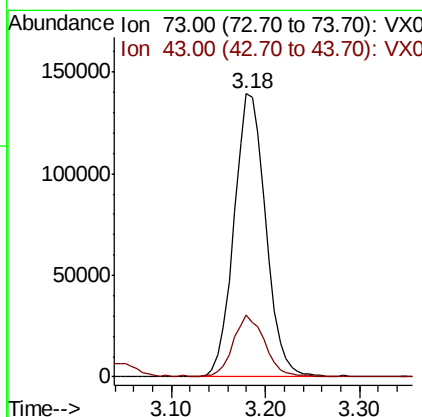
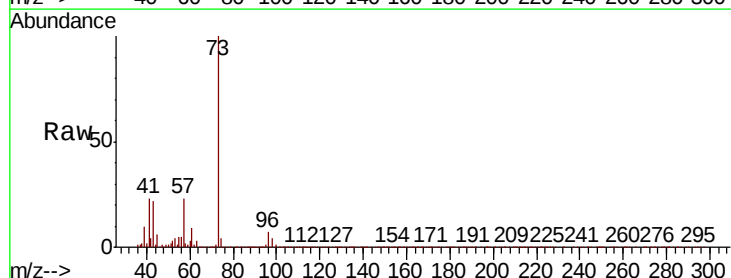
apatel
 12/13/2019 12:40:16 PM

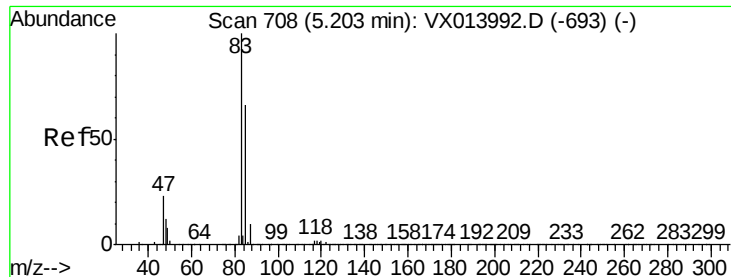


#24

Methyl tert-Butyl Ether
 Concen: 19.263 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.1	16.6	25.0





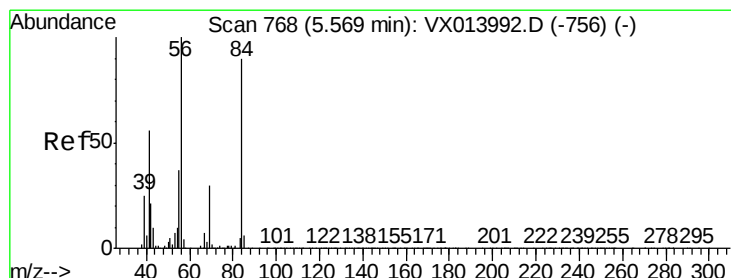
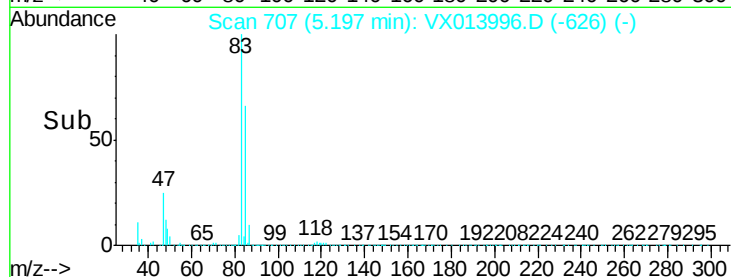
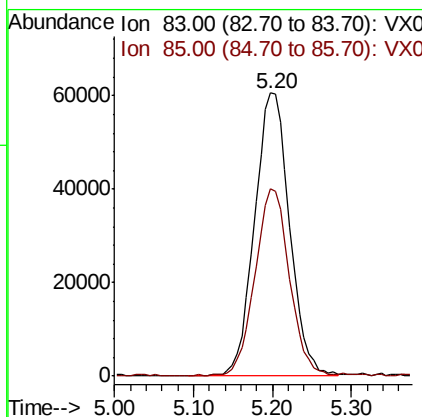
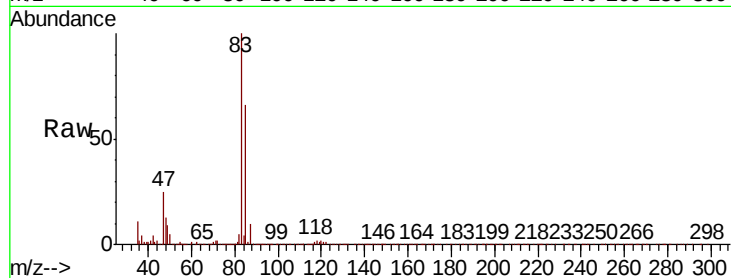
#25
Chloroform
Concen: 19.356 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion	83	Resp	185607
Ion Ratio	100	Lower	Upper
85	65.8	52.7	79.1

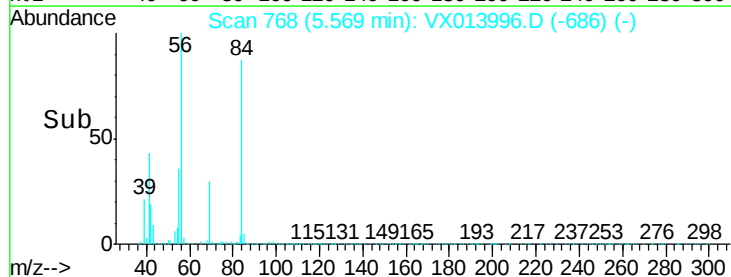
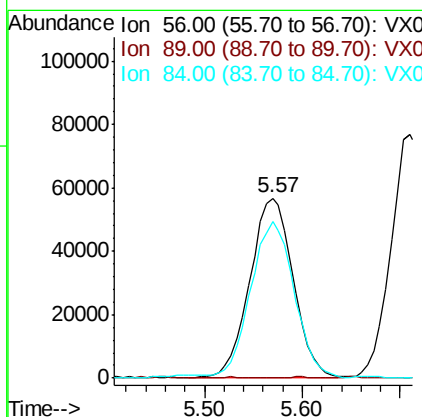
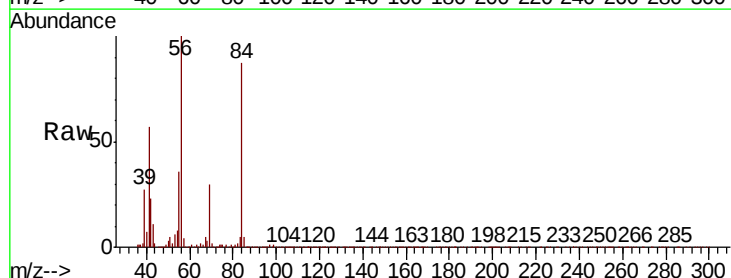
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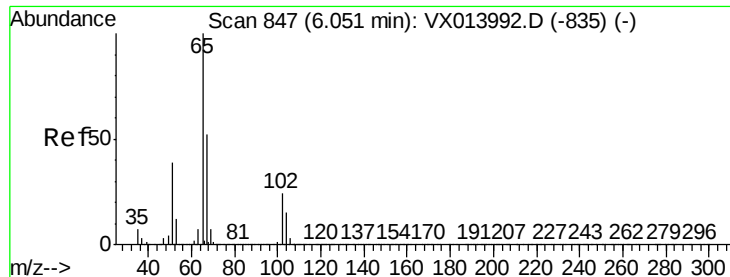
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#26
Cyclohexane
Concen: 19.339 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	56	Resp	173443
Ion Ratio	100	Lower	Upper
89	0.1	0.1	0.1#
84	87.8	70.8	106.2





#27

1,2-Dichloroethane-d4

Concen: 29.724 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

Tot Ion: 65 Resp: 191065

Ion Ratio Lower Upper

65 100

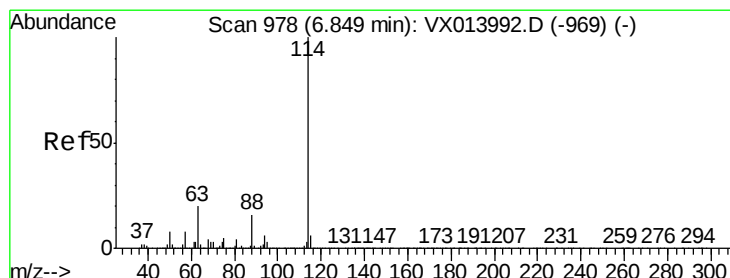
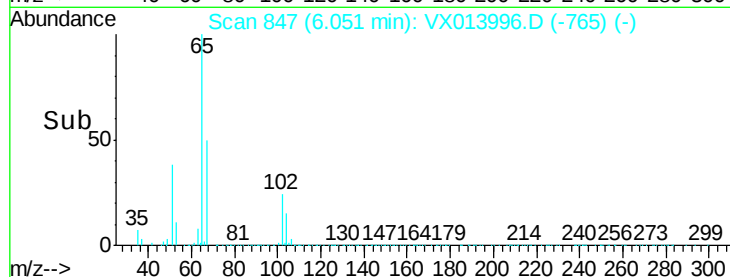
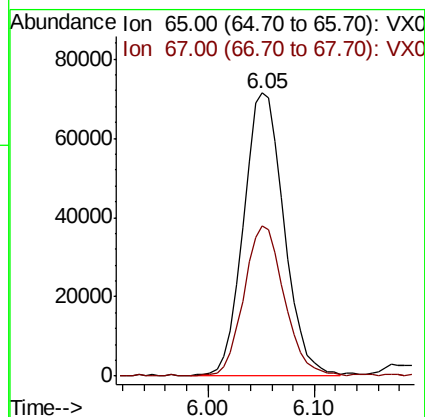
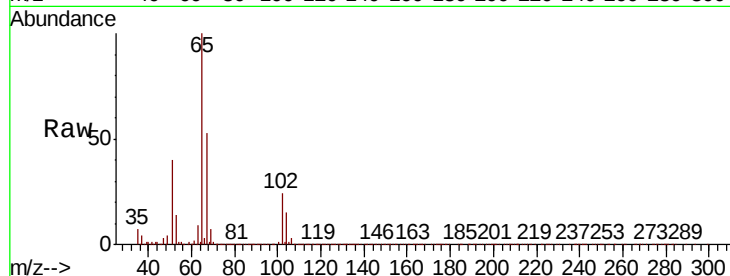
67 52.8 43.1 64.7

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12/13/2019 12:40:16 PM



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

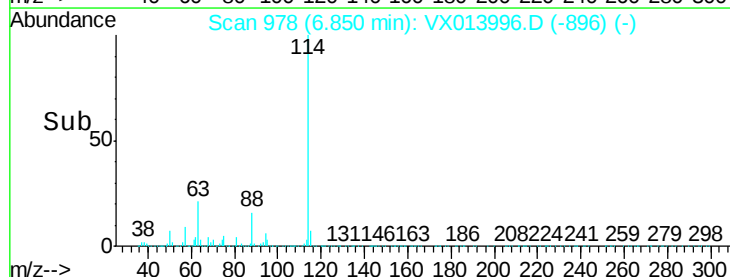
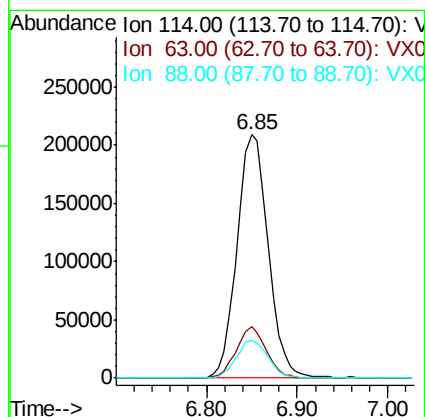
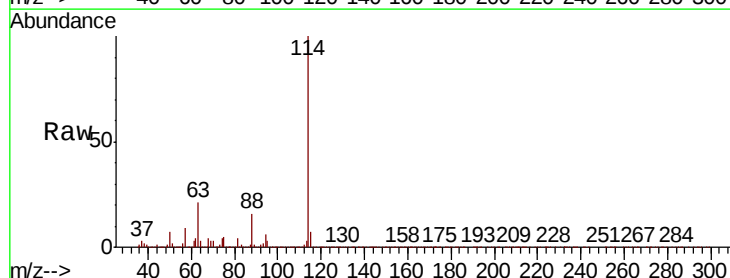
Tgt Ion: 114 Resp: 499369

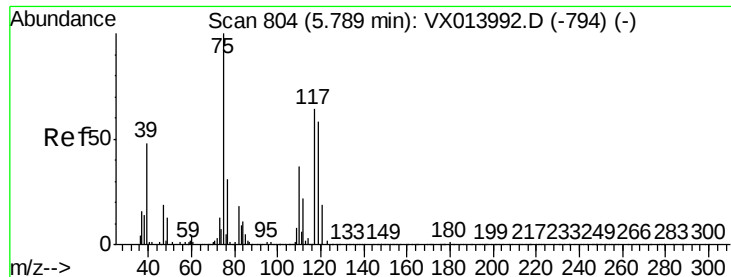
Ion Ratio Lower Upper

114 100

63 20.2 16.1 24.1

88 15.7 12.5 18.7





#29

1,1-Dichloropropene

Concen: 19.854 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

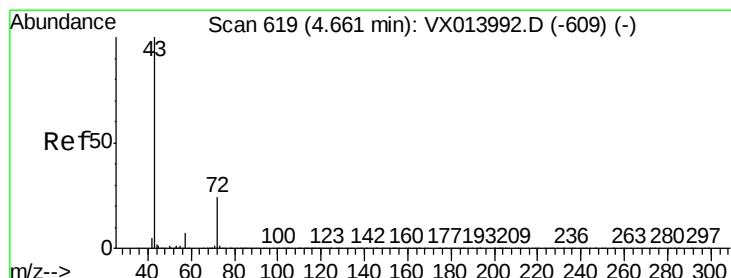
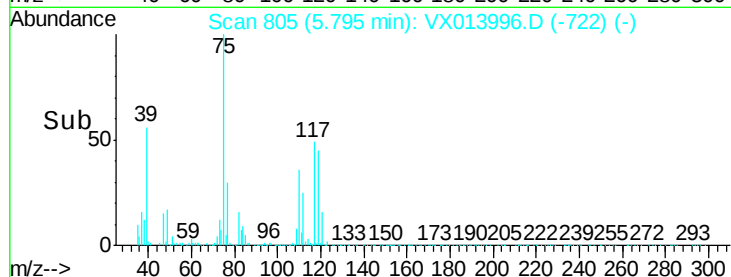
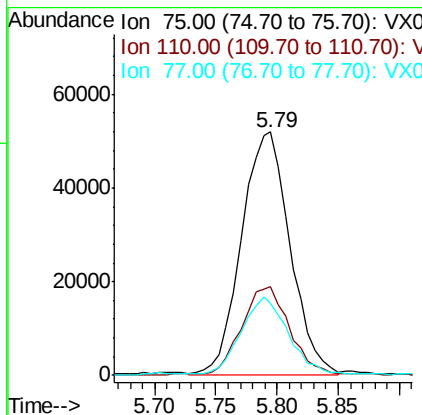
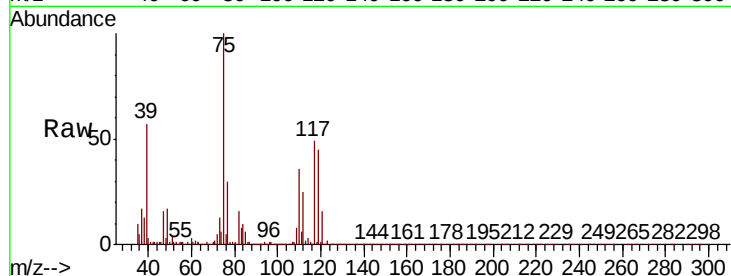
ClientSampleId :

ICVVX121219

Tot Ion:	75	Resp:	143211
Ion Ratio	Lower	Upper	
75	100		
110	35.8	0.0	73.8
77	31.5	0.0	62.4

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#30

2-Butanone

Concen: 96.393 ug/l

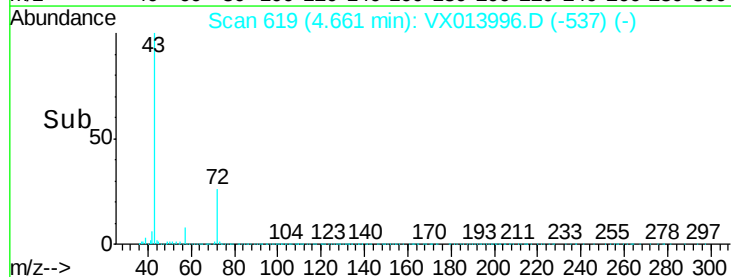
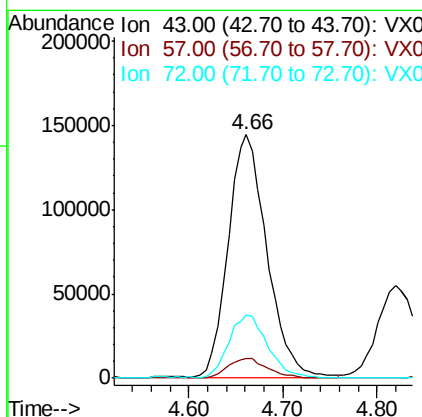
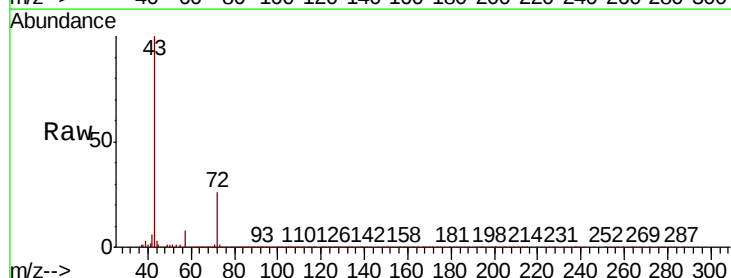
RT: 4.66 min Scan# 619

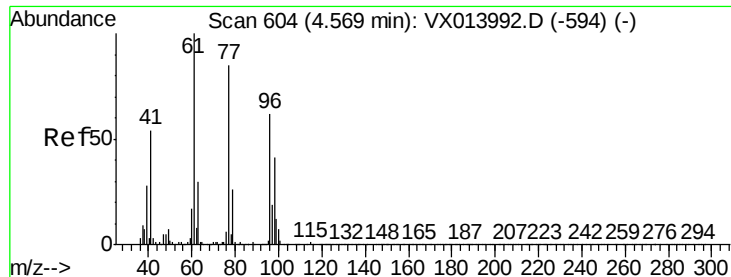
Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tgt Ion:	43	Resp:	409827
Ion Ratio	Lower	Upper	
43	100		
57	8.1	6.2	9.2
72	25.4	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.098 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVX121219

Tot Ion: 77 Resp: 127431

Ion Ratio Lower Upper

77 100

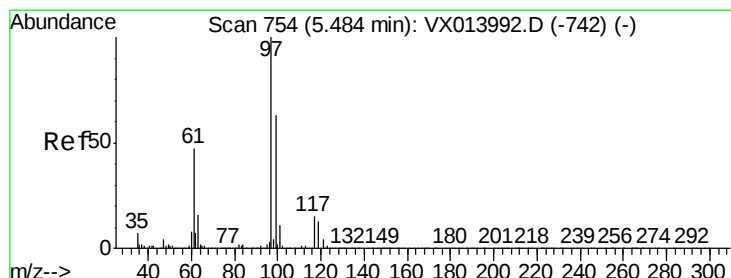
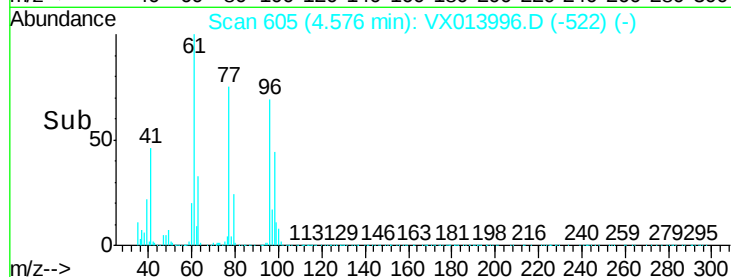
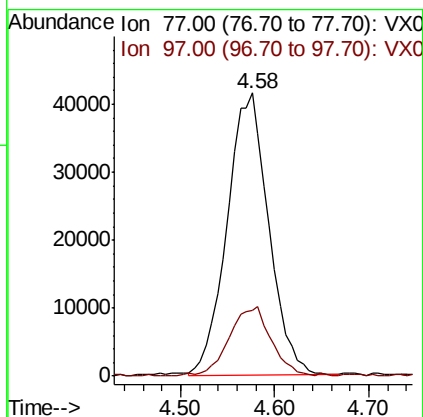
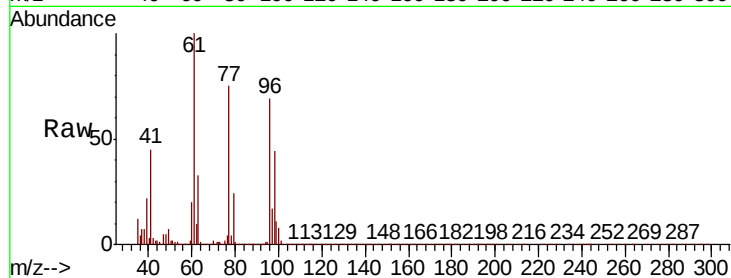
97 24.8 19.7 29.5

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.616 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

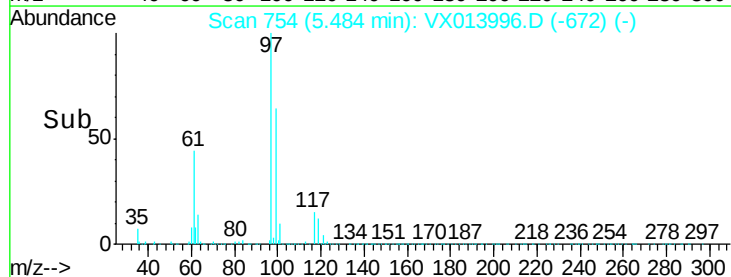
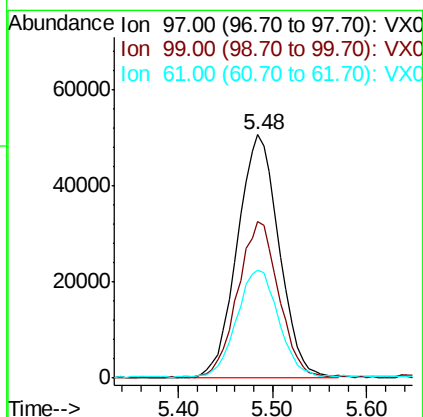
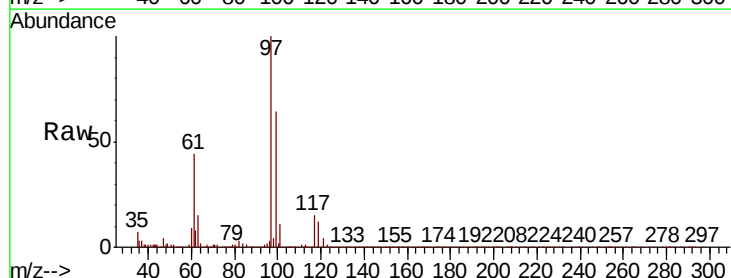
Tgt Ion: 97 Resp: 156504

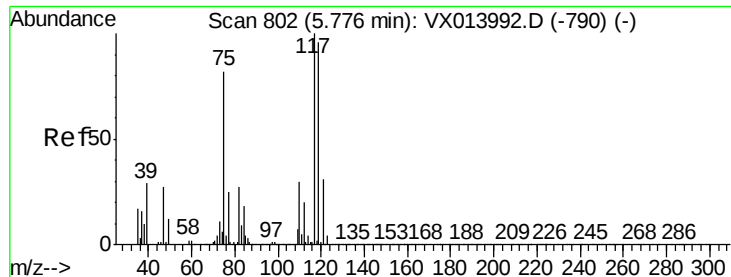
Ion Ratio Lower Upper

97 100

99 63.3 51.9 77.9

61 43.9 36.8 55.2





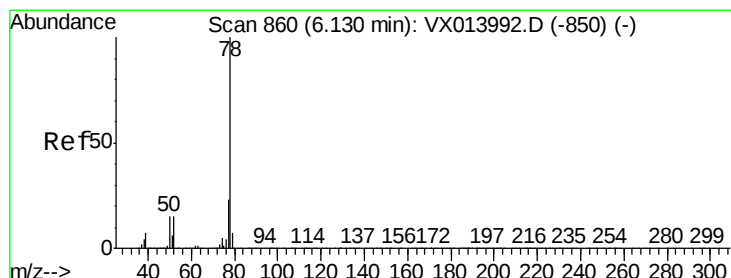
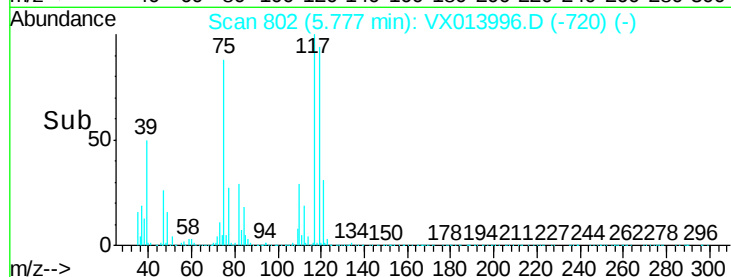
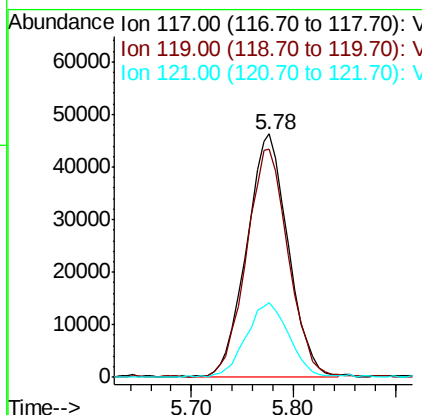
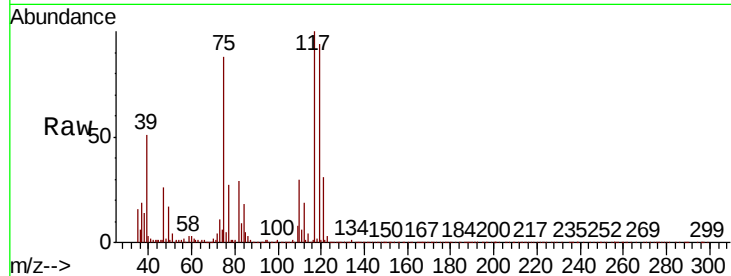
#33
Carbon Tetrachloride
Concen: 19.235 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.2	115.8
121	30.3	24.8	37.2

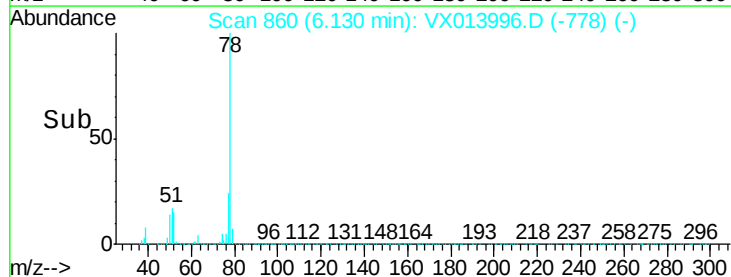
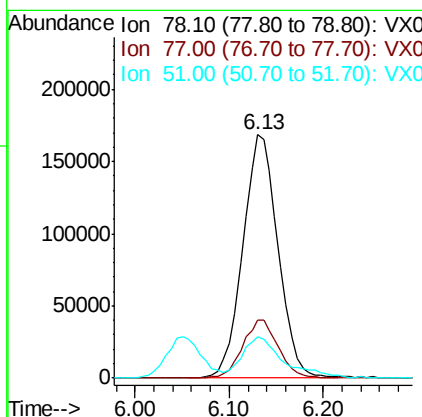
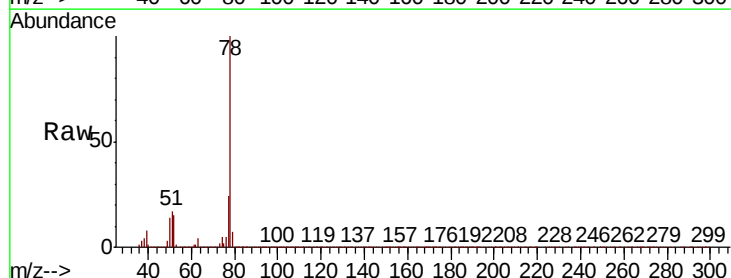
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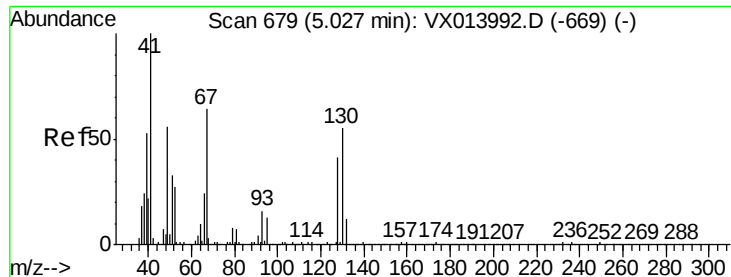
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#34
Benzene
Concen: 19.559 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.2	27.2
51	16.2	12.4	18.6





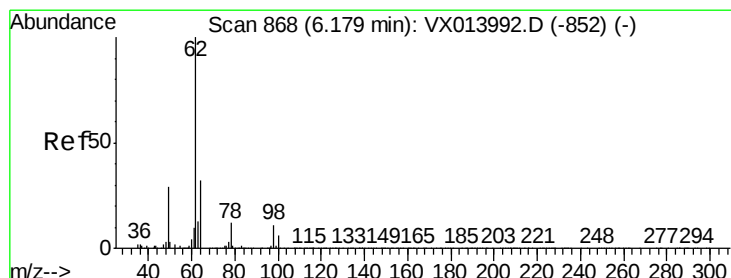
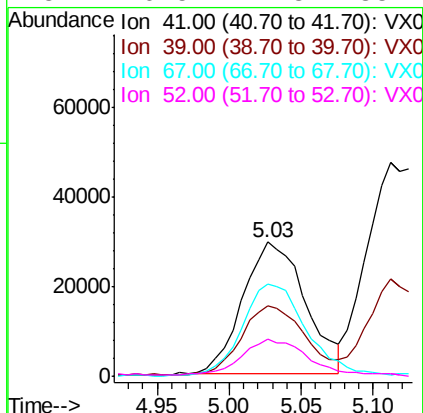
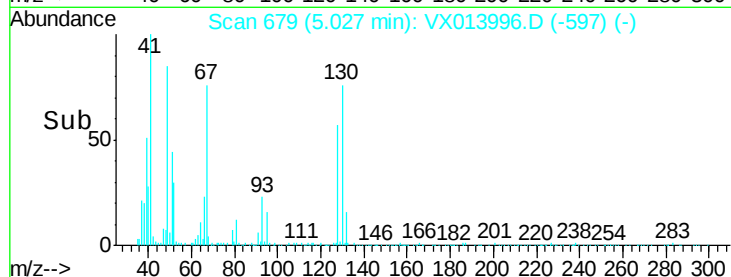
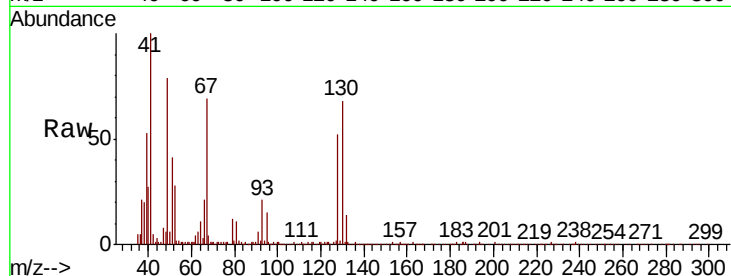
#35
Methacrylonitrile
Concen: 19.540 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVX121219

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	26.7	80.1	
67	69.4	31.5	94.5	
52	26.5	12.8	38.4	

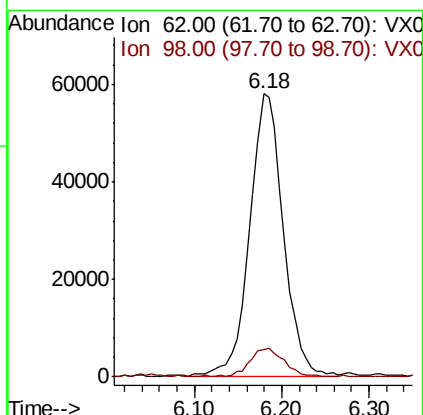
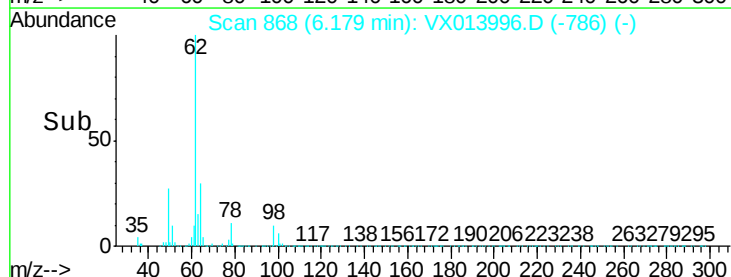
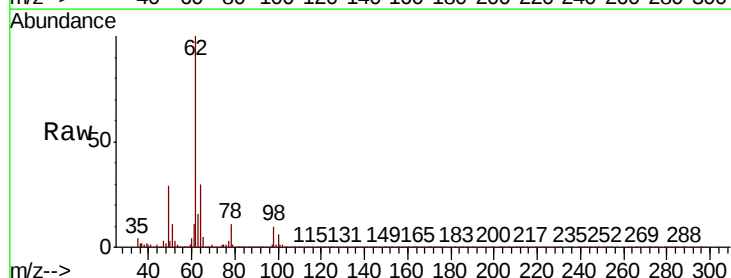
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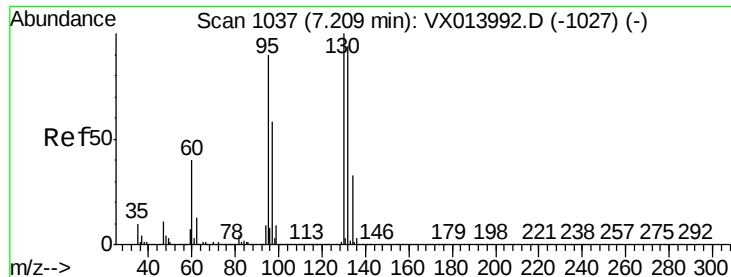
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#36
1,2-Dichloroethane
Concen: 19.611 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	8.4	12.6	





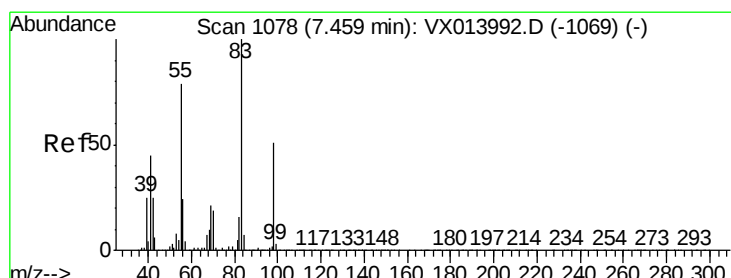
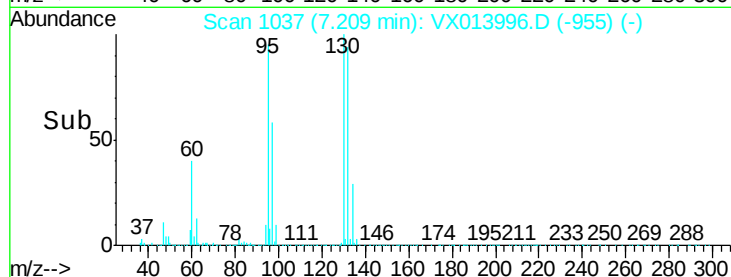
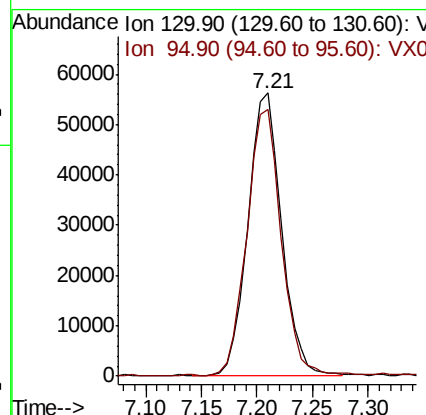
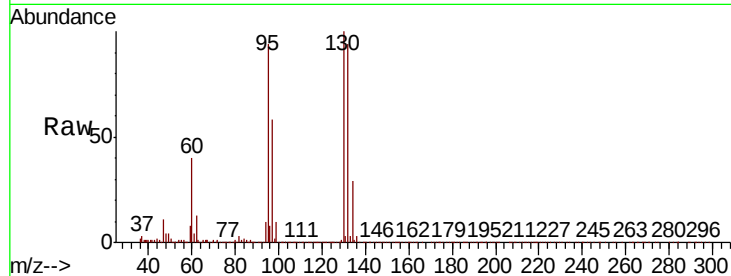
#37
 Trichloroethene
 Concen: 19.368 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

Tot Ion	Ratio	Resp	Lower	Upper
130	100	118536		
95	93.9	71.7	107.5	

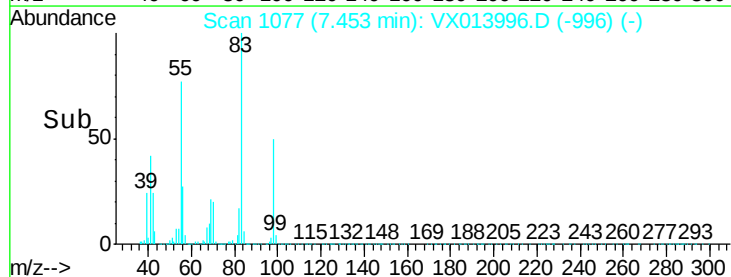
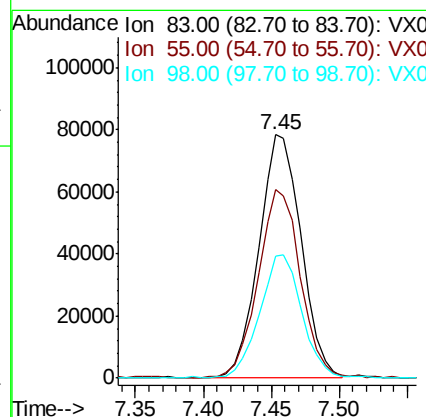
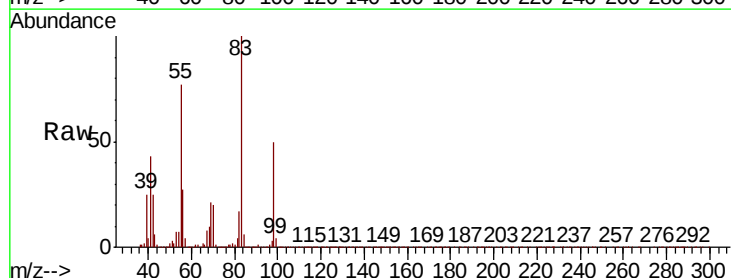
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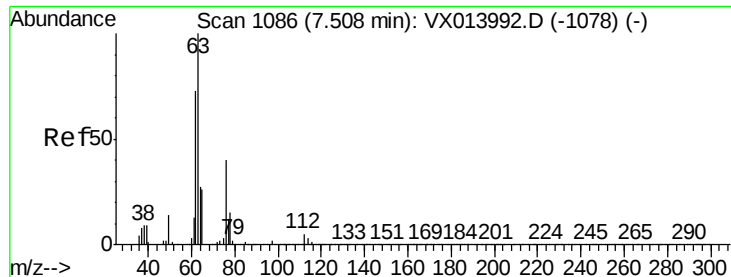
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#38
 Methylcyclohexane
 Concen: 19.852 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	170807		
55	76.5	39.4	118.1	
98	51.0	25.1	75.3	





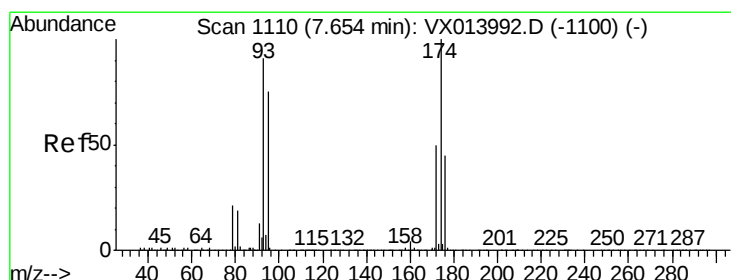
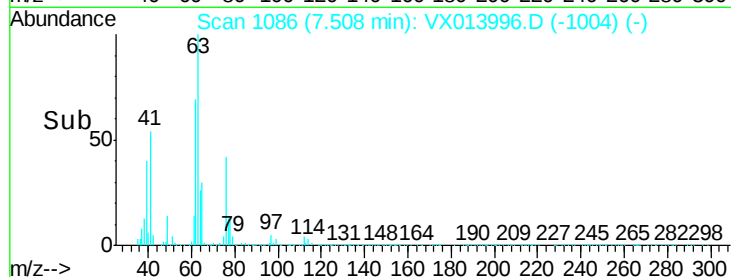
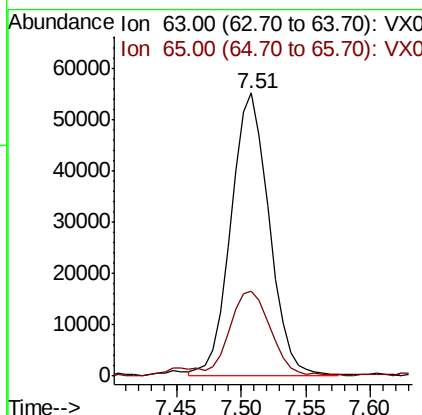
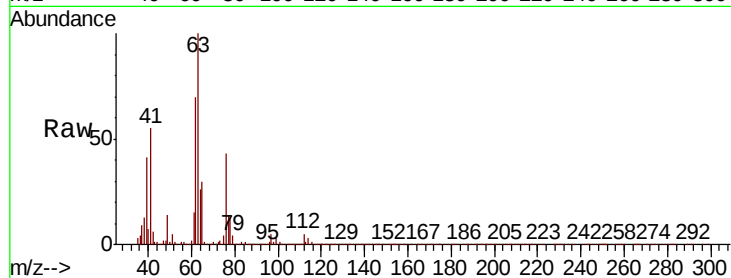
#39
 1,2-Dichloropropane
 Concen: 19.464 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	22.1	33.1

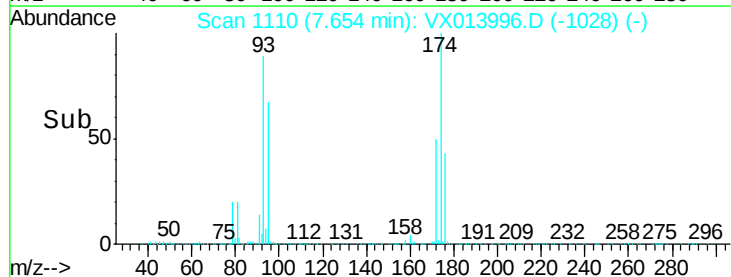
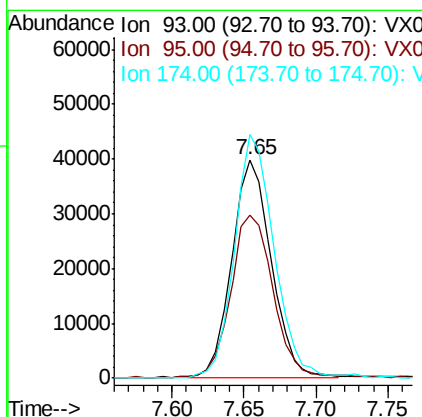
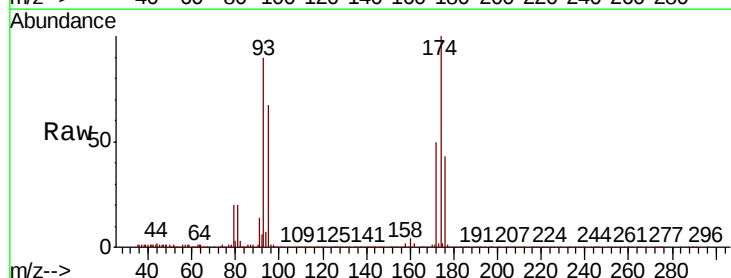
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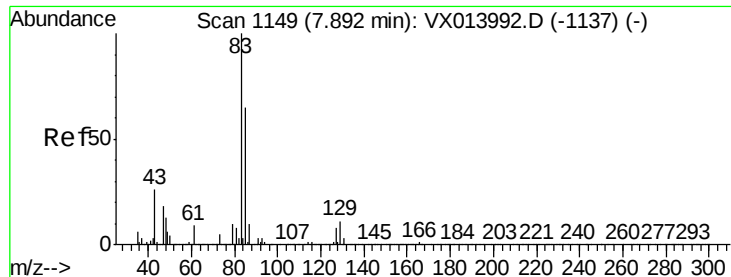
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#40
 Dibromomethane
 Concen: 20.315 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.3	0.0	164.4
174	111.8	0.0	228.8





#41

Bromodichloromethane

Concen: 18.824 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

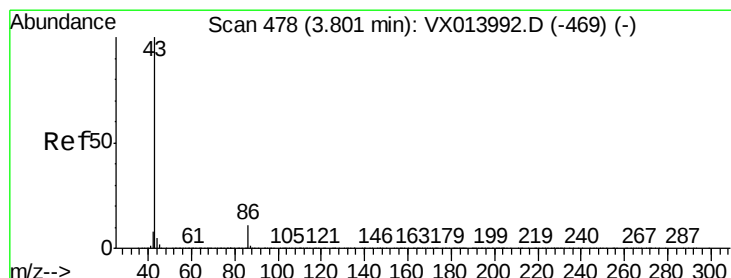
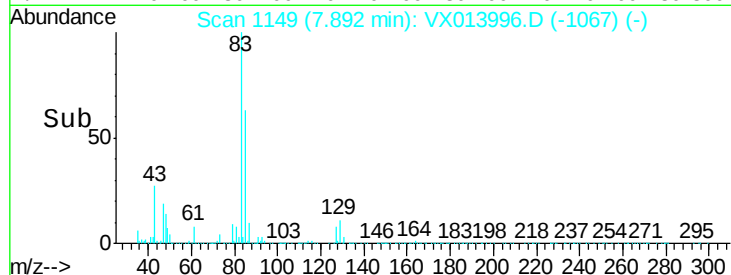
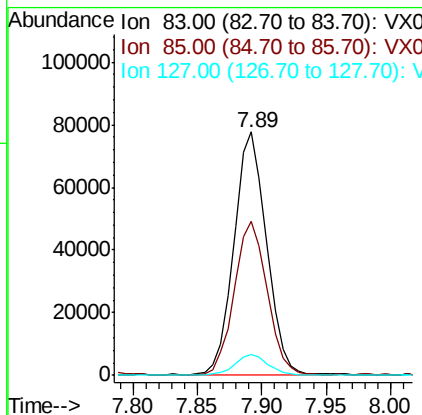
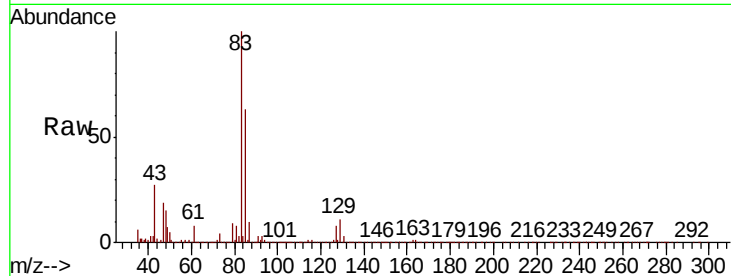
ClientSampleId :

ICVVX121219

Tot Ion:	83	Resp:	136021
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.6	77.4
127	8.4	6.0	9.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 101.292 ug/l

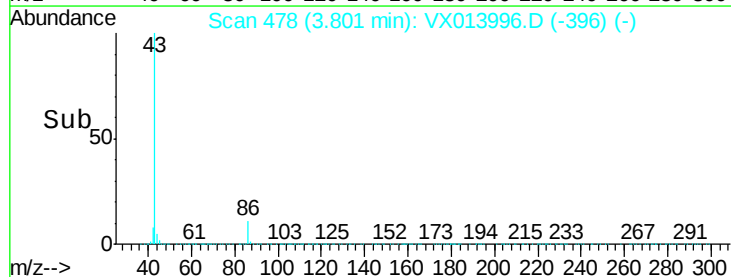
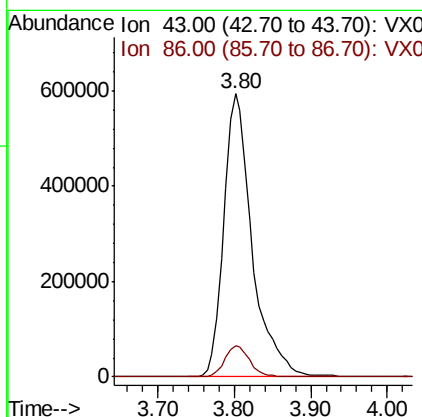
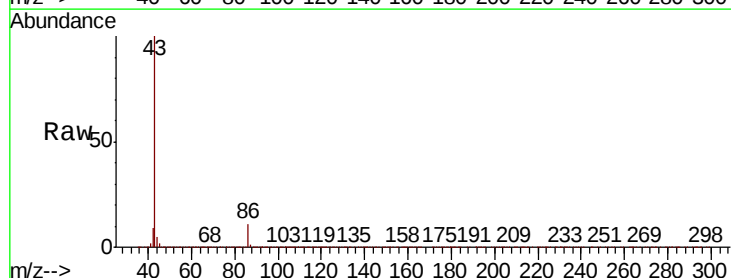
RT: 3.80 min Scan# 478

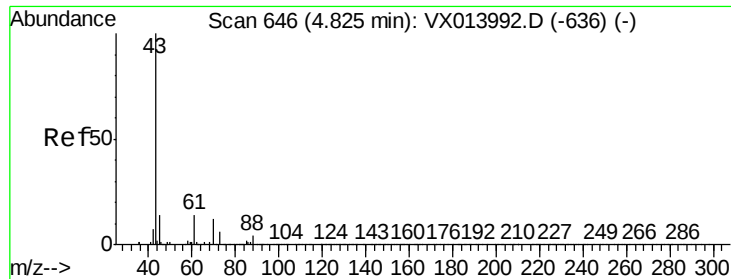
Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tgt Ion:	43	Resp:	1520472
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.7	11.5





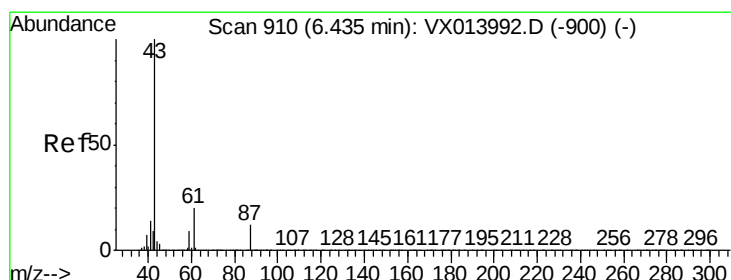
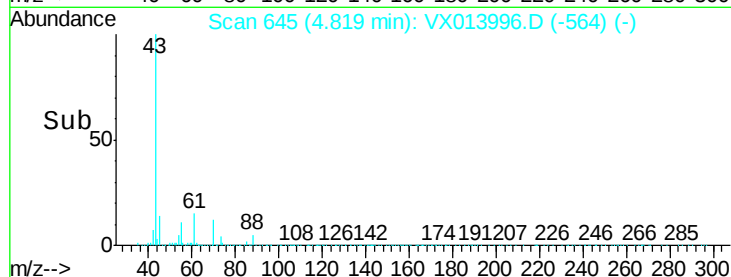
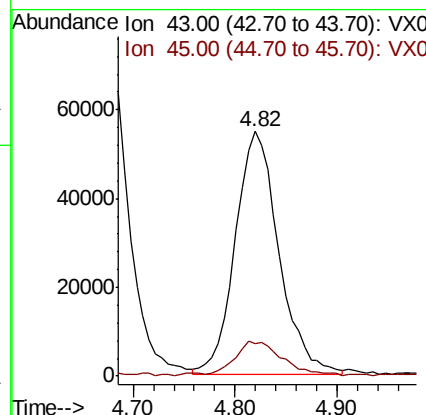
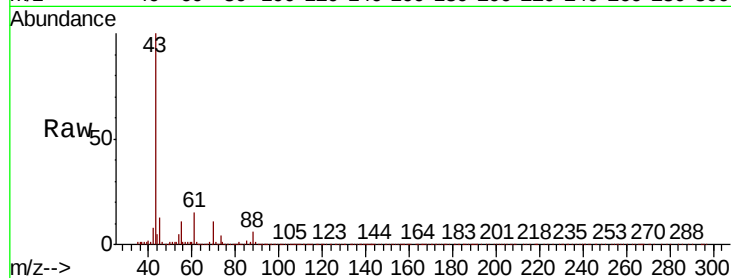
#43
Ethyl Acetate
Concen: 19.997 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion	43	Resp	163138
Ion Ratio	Lower	Upper	
43	100		
45	14.2	11.8	17.8

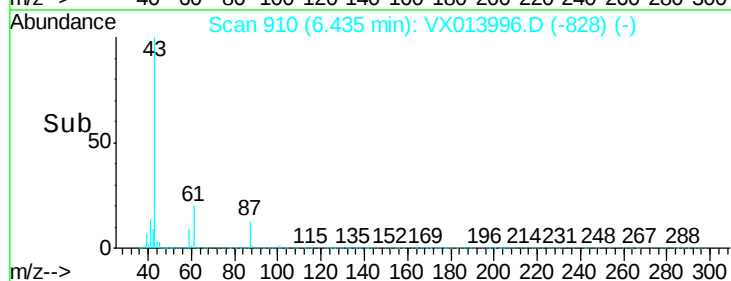
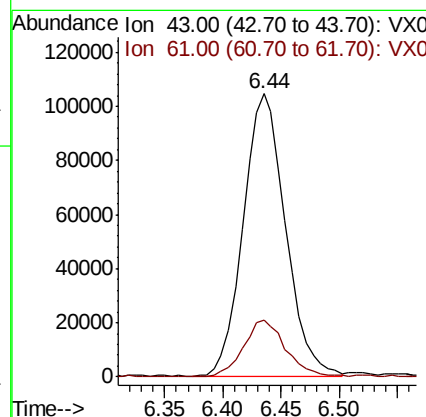
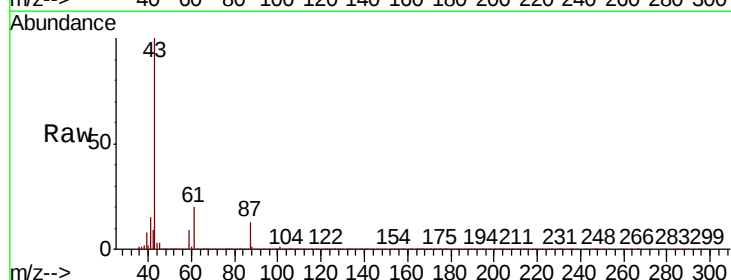
Manual Integrations
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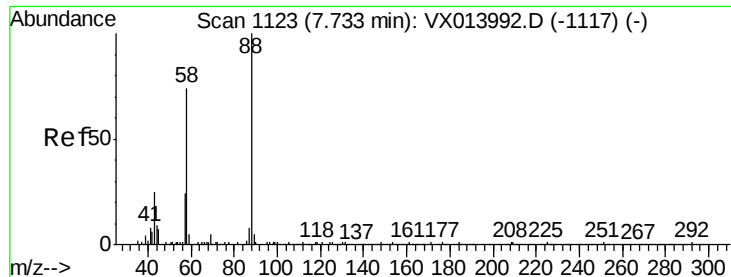
apatel
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#44
Isopropyl Acetate
Concen: 19.271 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	43	Resp	263313
Ion Ratio	Lower	Upper	
43	100		
61	19.9	15.9	23.9





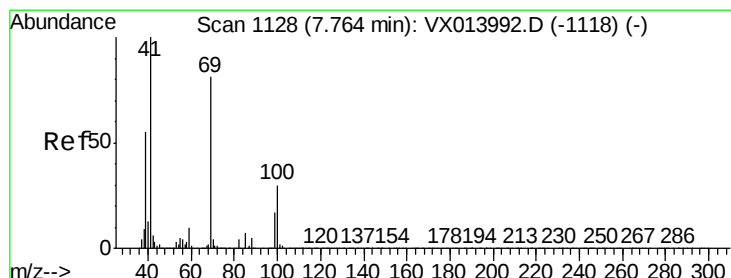
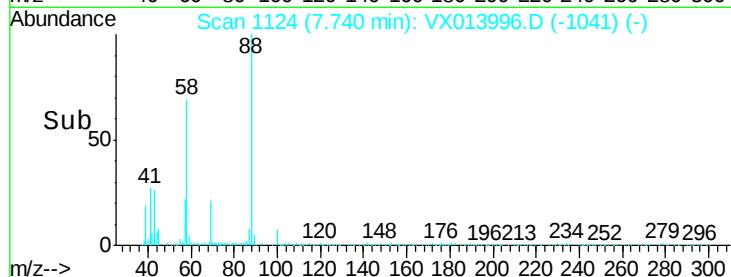
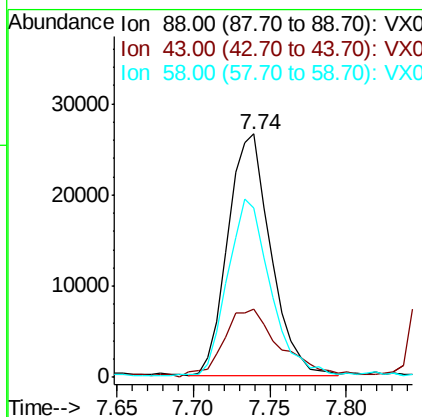
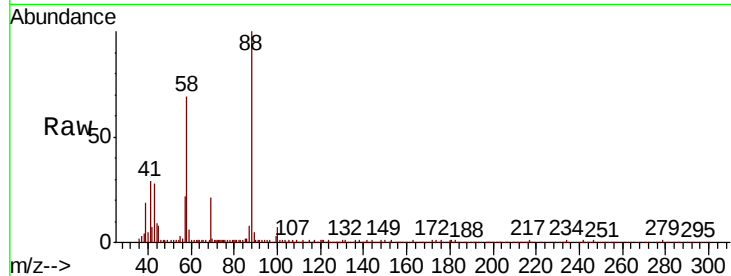
#45
1,4-Dioxane
Concen: 406.289 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.4	38.2
58	71.4	56.5	84.7

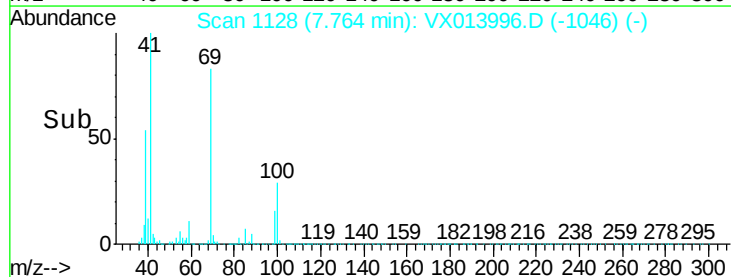
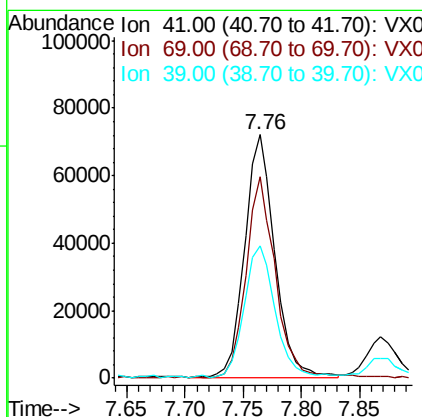
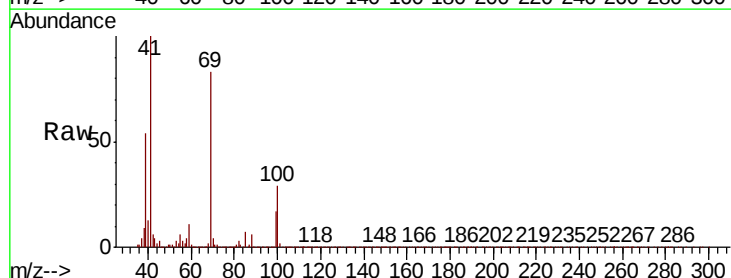
Manual Integrations
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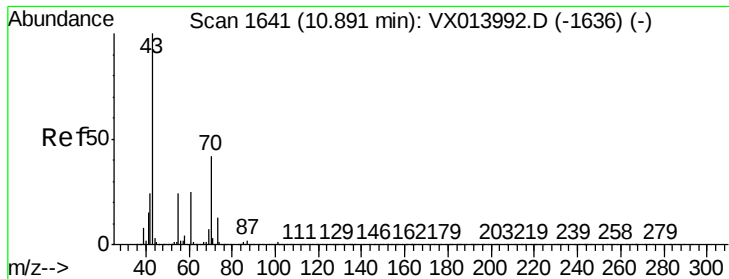
apatel
12/13/2019 12:40:16 PM



#46
Methyl methacrylate
Concen: 19.449 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.9	40.6	122.0
39	54.2	27.8	83.3





#47

n-amvl Acetate

Concen: 18.827 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

Tot Ion: 43 Resp: 228738

Ion Ratio Lower Upper

43 100

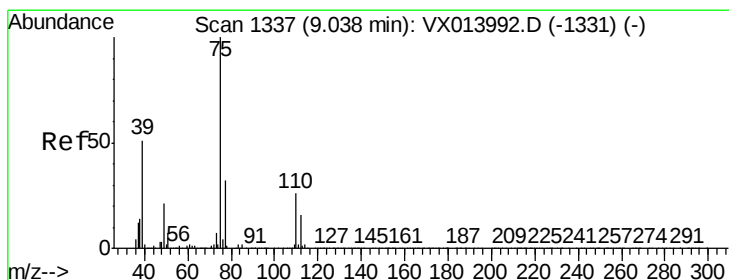
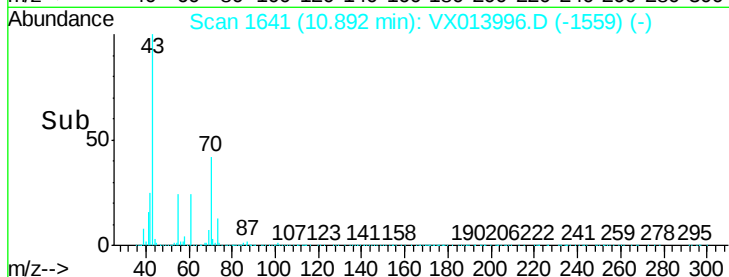
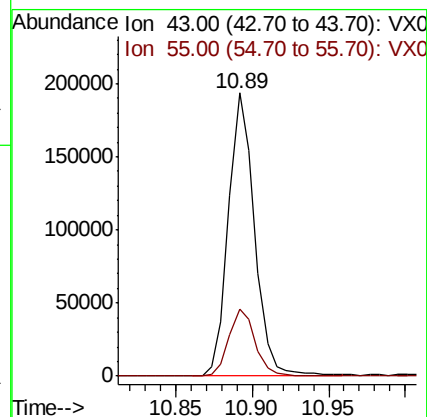
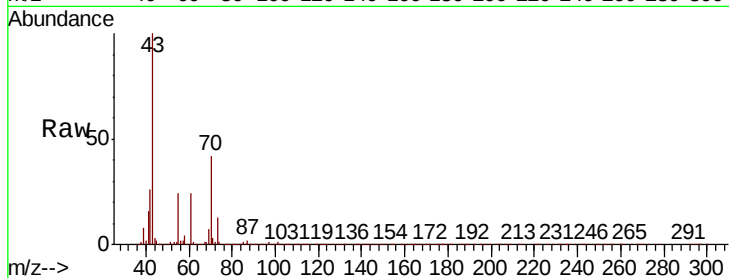
55 23.6 19.4 29.2

Manual Integrations

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12/13/2019 12:40:16 PM



#48

t-1,3-Dichloropropene

Concen: 19.075 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013996.D

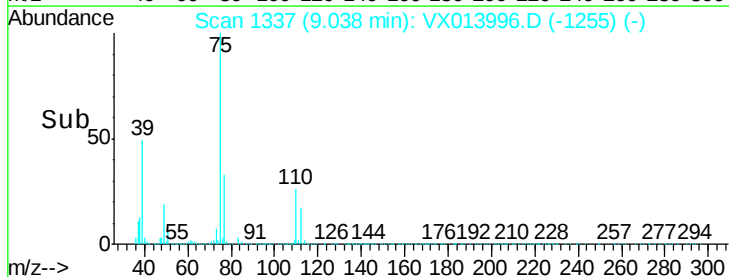
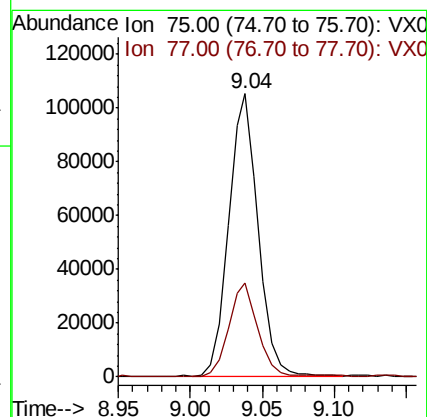
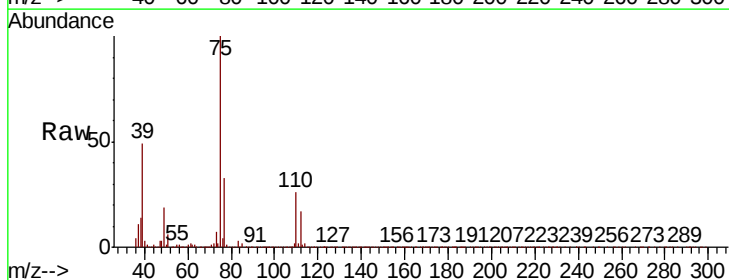
Acq: 13 Dec 2019 00:54

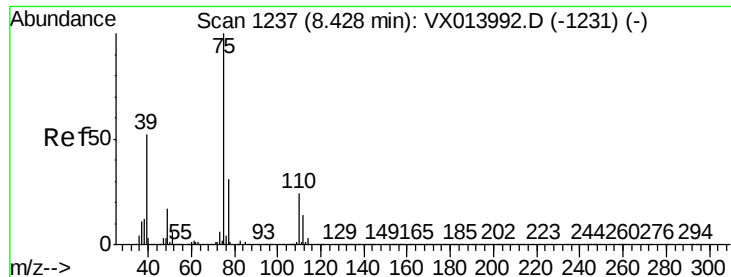
Tgt Ion: 75 Resp: 150440

Ion Ratio Lower Upper

75 100

77 32.9 26.0 39.0





#49

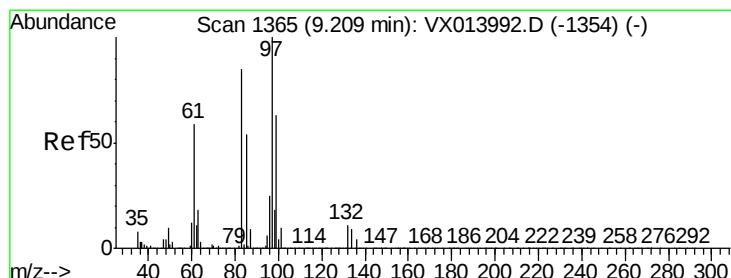
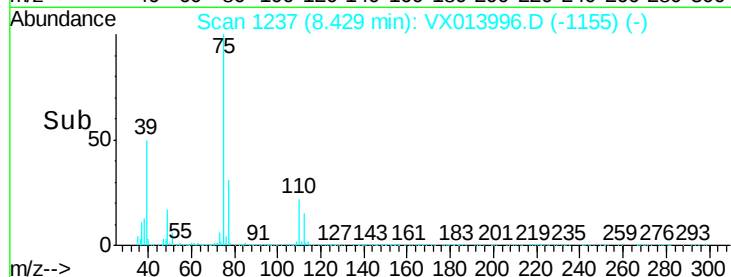
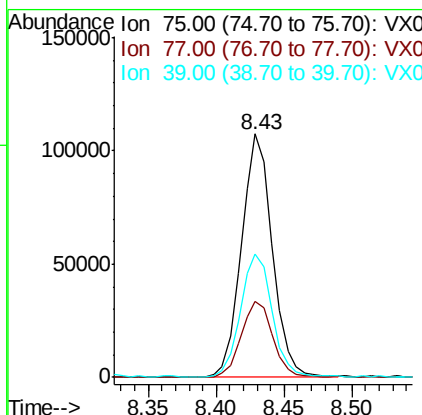
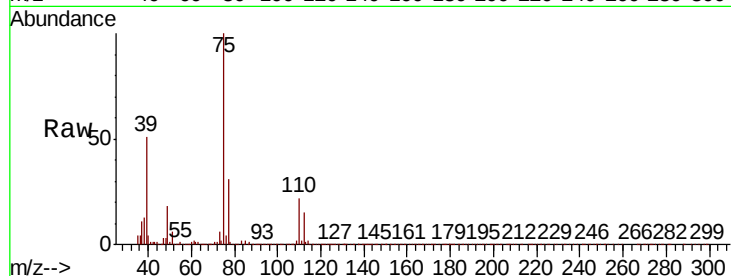
cis-1,3-Dichloropropene
Concen: 19.144 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion	Ratio	Resp	Lower	Upper
75	100	169795		
77	30.8	24.8	37.2	
39	50.5	41.1	61.7	

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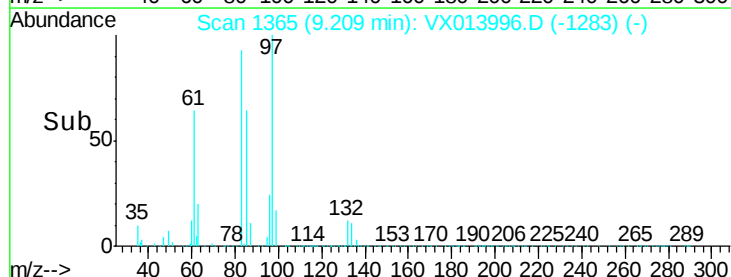
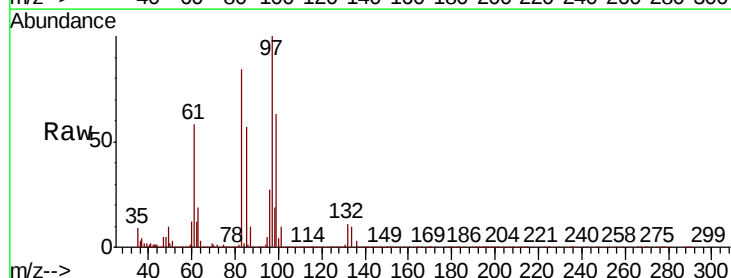
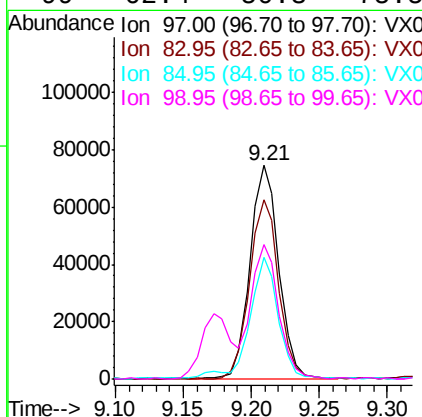
apatel
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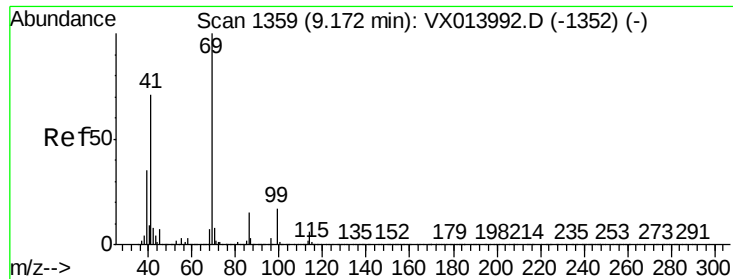


#50

1,1,2-Trichloroethane
Concen: 19.269 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	110975		
83	83.9	68.1	102.1	
85	57.0	42.7	64.1	
99	62.4	50.3	75.5	





#51

Ethyl methacrylate

Concen: 19.272 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

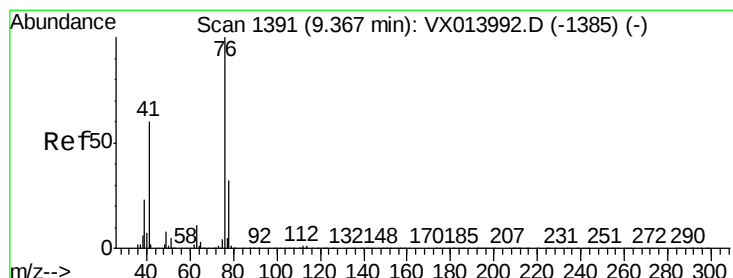
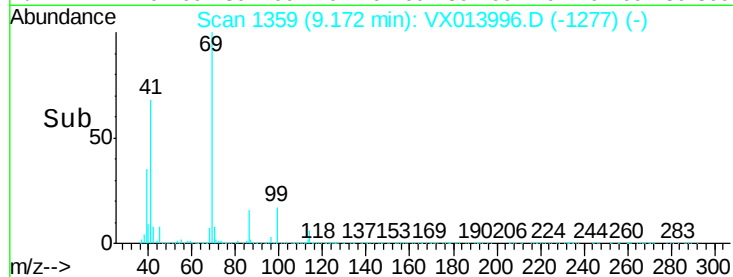
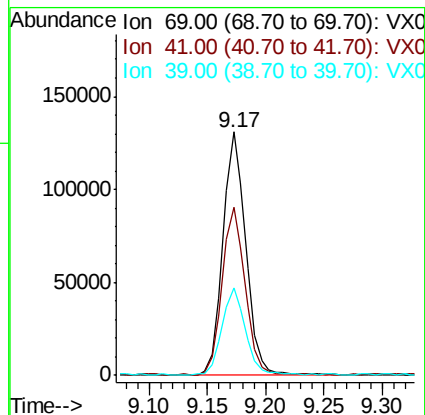
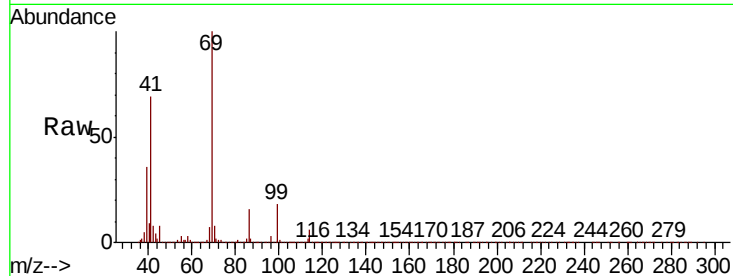
ClientSampleId :

ICVX121219

Tot Ion:	69	Resp:	176552
Ion Ratio	Lower	Upper	
69	100		
41	68.8	35.4	106.1
39	35.8	17.8	53.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.380 ug/l

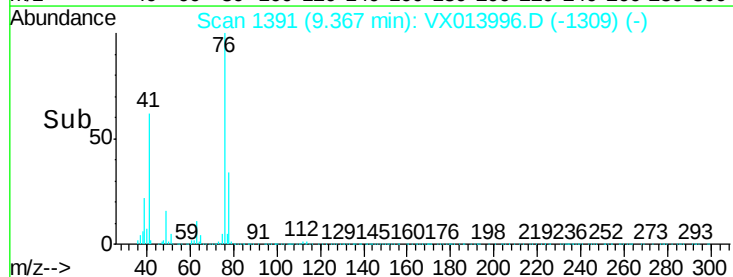
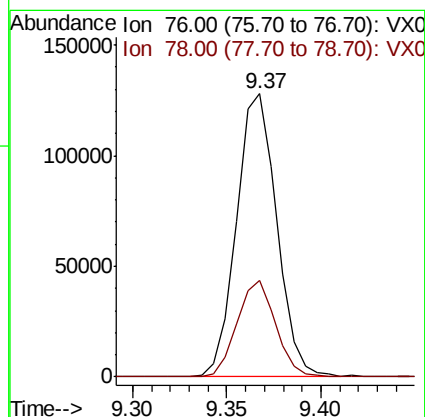
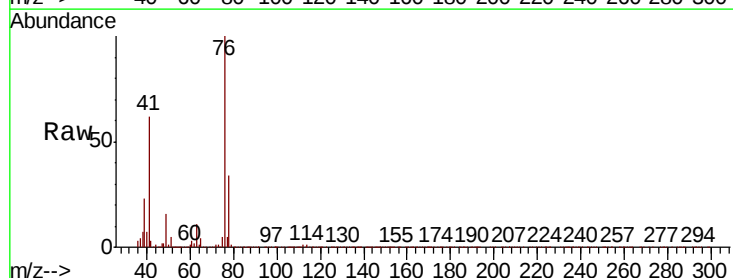
RT: 9.37 min Scan# 1391

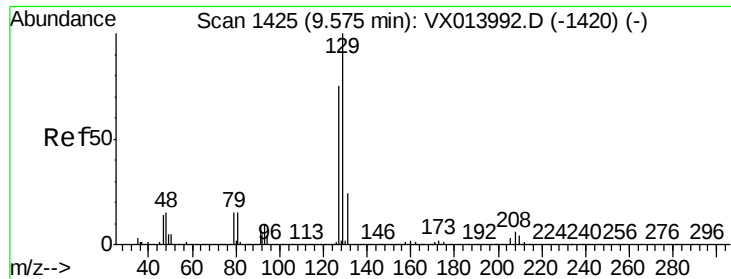
Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tgt Ion:	76	Resp:	189633
Ion Ratio	Lower	Upper	
76	100		
78	32.5	0.0	63.4





#53

Dibromochloromethane

Concen: 18.918 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tot Ion:129 Resp: 108947

Ion Ratio Lower Upper

129 100

127 79.2 39.1 117.5

Instrument :

MSVOA_X

ClientSampleId :

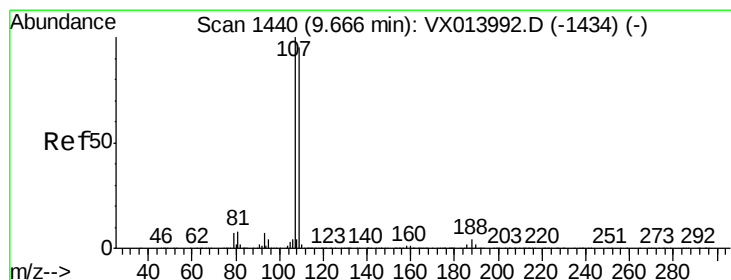
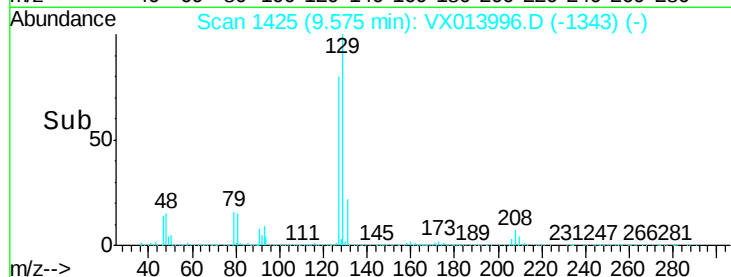
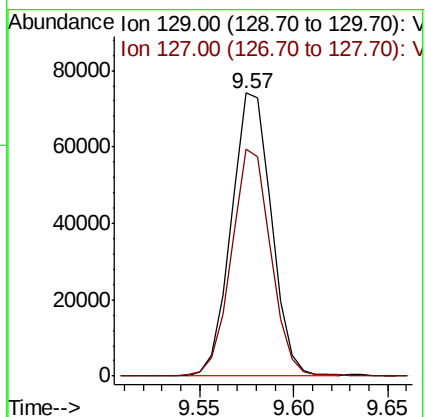
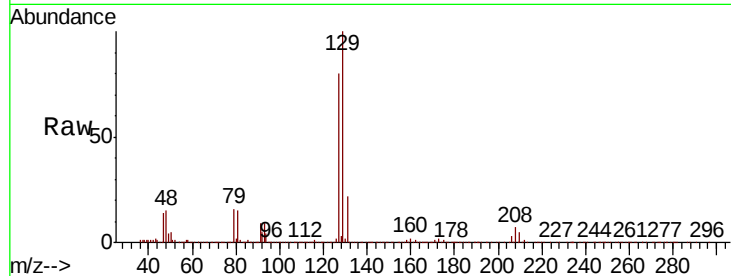
ICVVX121219

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 19.629 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013996.D

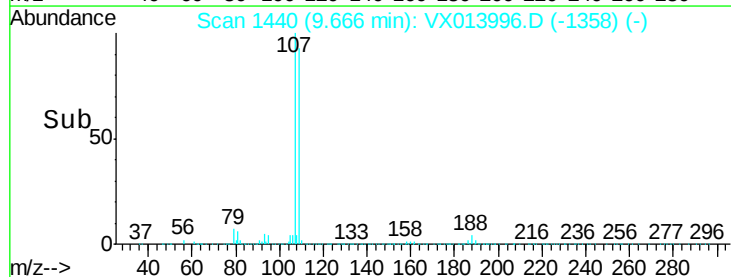
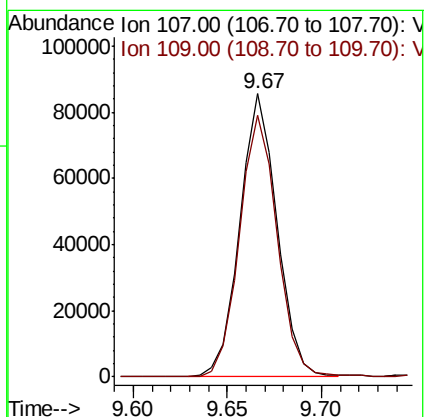
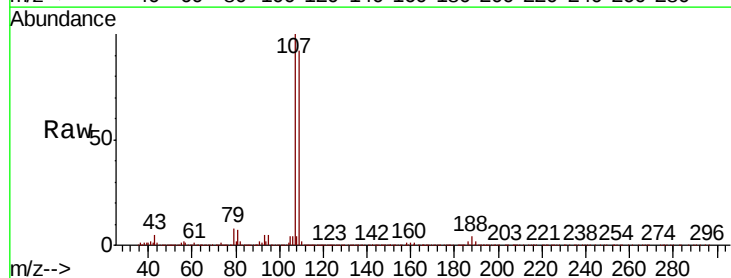
Acq: 13 Dec 2019 00:54

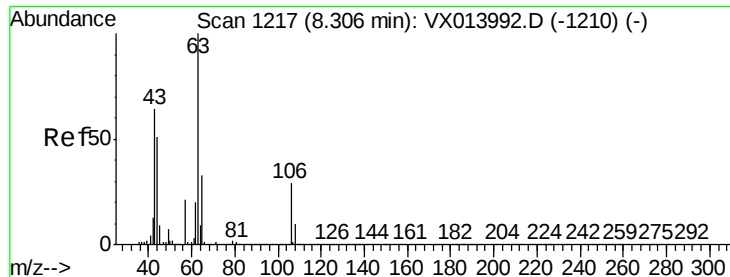
Tgt Ion:107 Resp: 116396

Ion Ratio Lower Upper

107 100

109 93.1 77.2 115.8





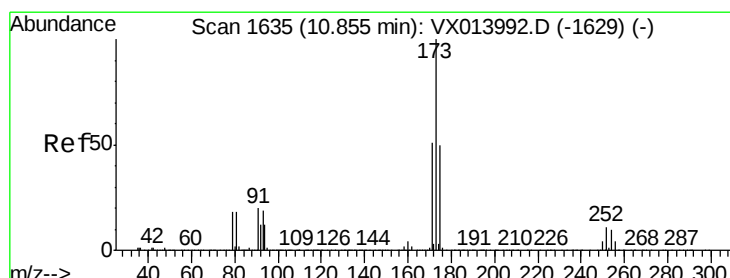
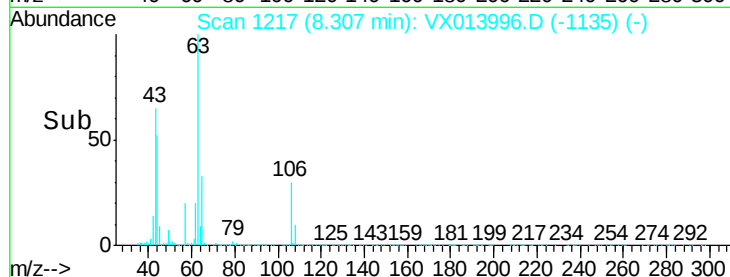
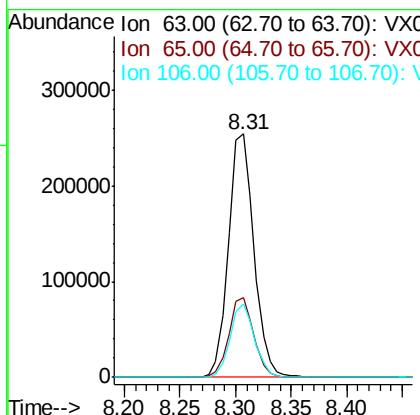
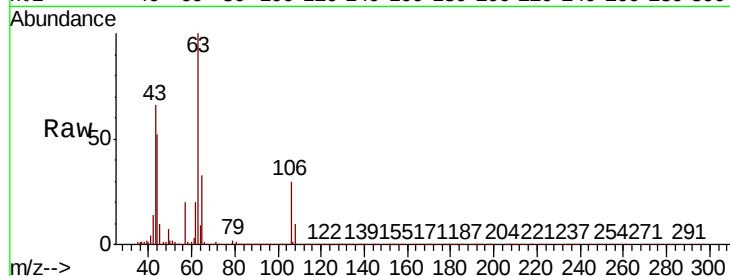
#55
2-Chloroethyl vinyl ether
Concen: 99.912 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.8	38.6
106	28.8	22.9	34.3

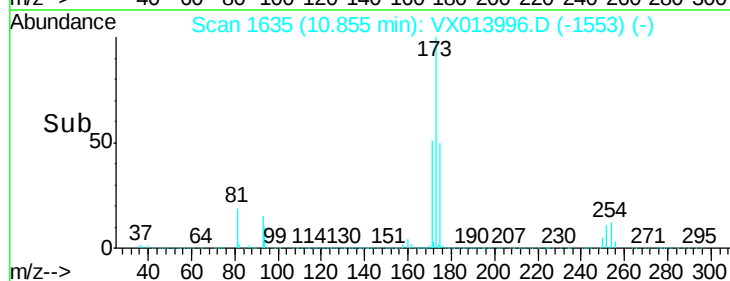
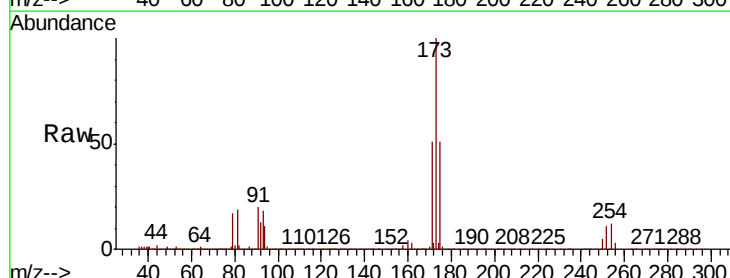
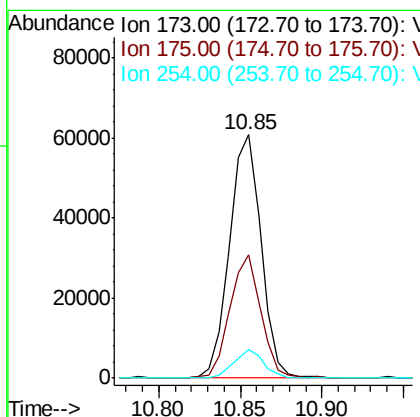
Manual Integrations
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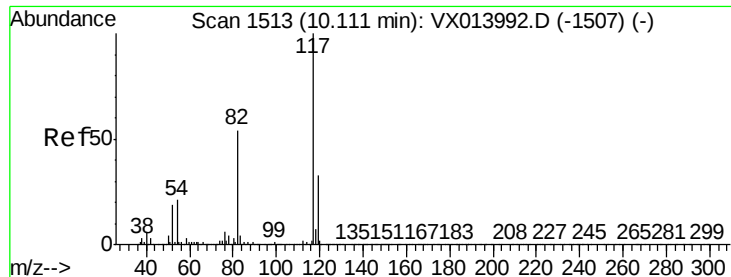
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#56
Bromoform
Concen: 18.308 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.5	59.3
254	11.3	8.2	12.4





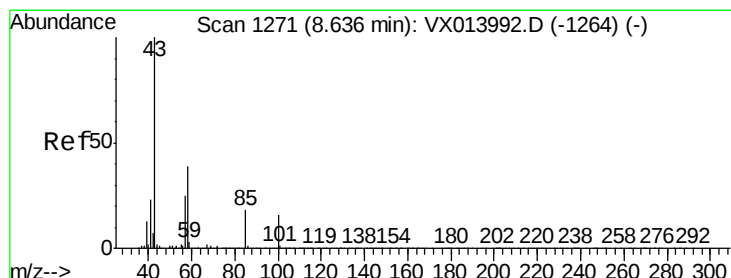
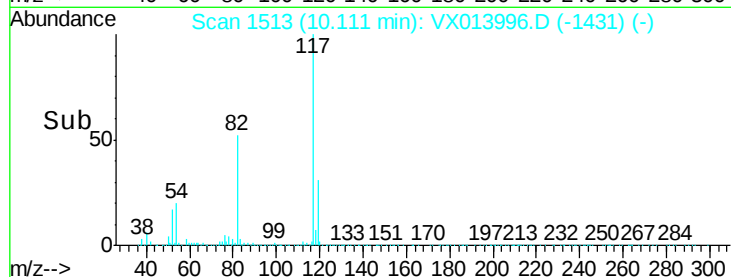
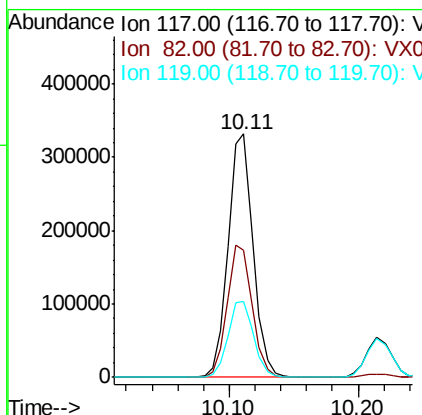
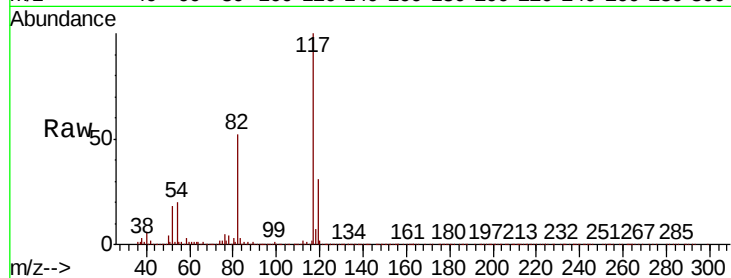
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.6
119	31.9	25.8	38.6

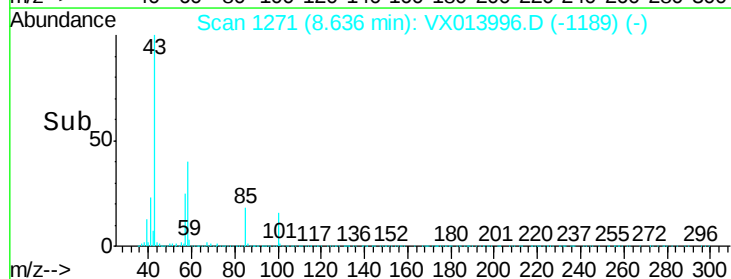
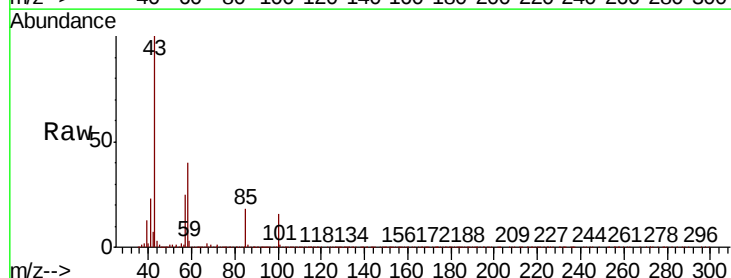
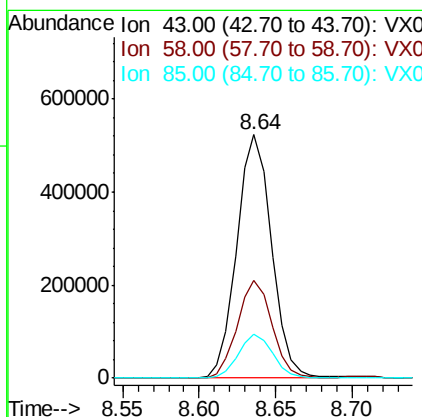
Manual Integrations
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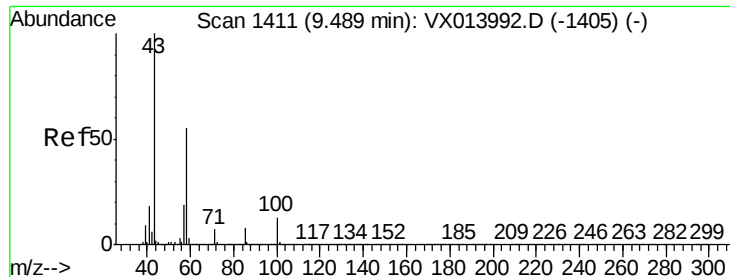
apatel
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#58
4-Methyl-2-Pentanone
Concen: 97.506 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.2	46.8
85	17.7	14.2	21.2





#59

2-Hexanone

Concen: 96.499 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

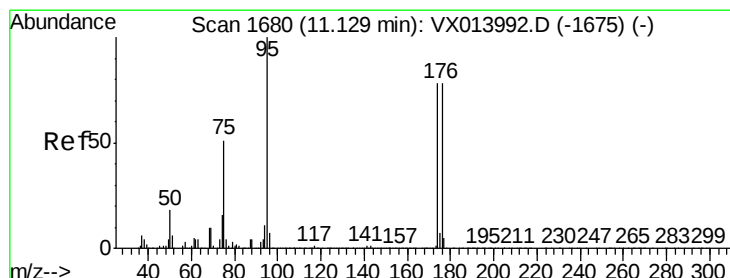
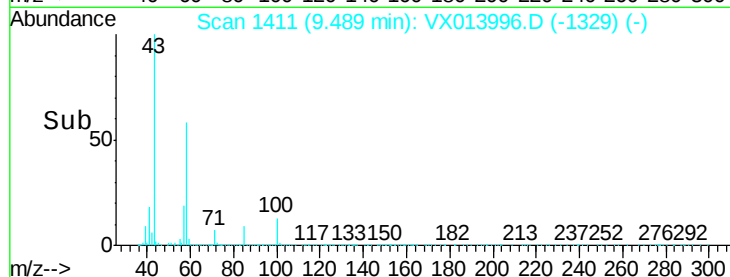
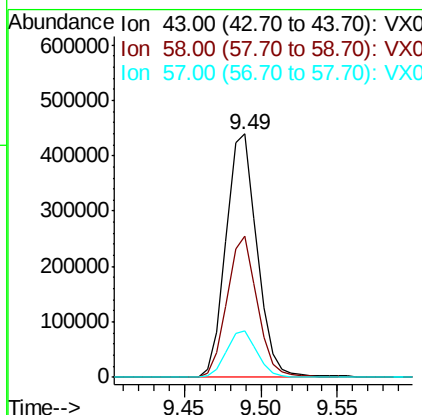
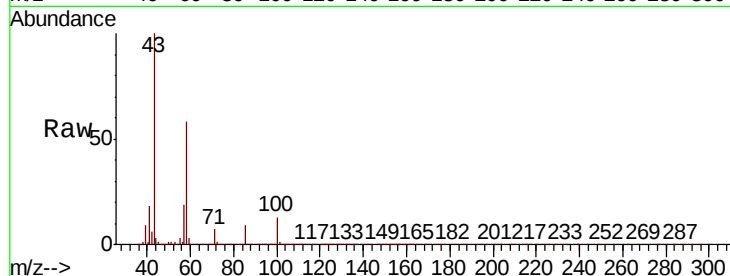
ClientSampleId :

ICVVX121219

Tot Ion:	43	Resp:	618982
Ion	Ratio	Lower	Upper
43	100		
58	56.6	43.8	65.6
57	19.0	15.4	23.0

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#60

4-Bromofluorobenzene

Concen: 29.510 ug/l

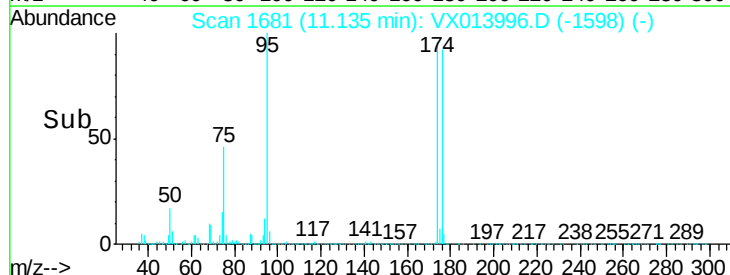
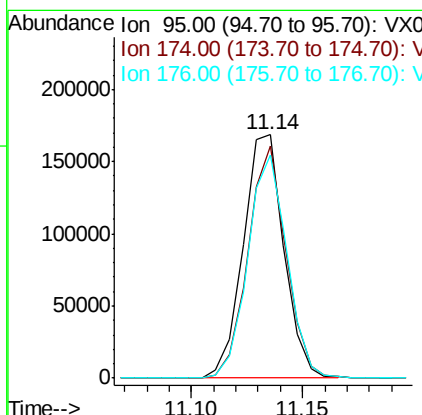
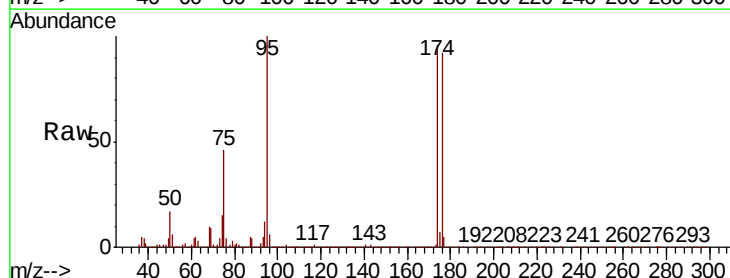
RT: 11.14 min Scan# 1681

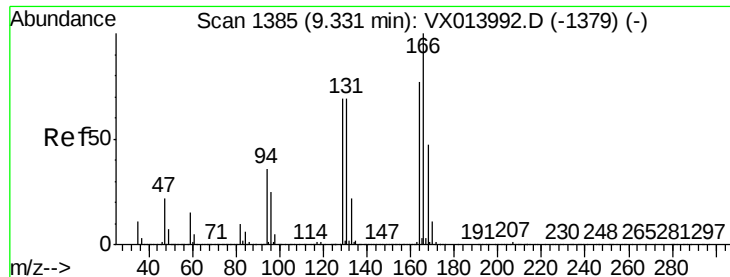
Delta R.T. 0.01 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tgt Ion:	95	Resp:	215265
Ion	Ratio	Lower	Upper
95	100		
174	89.1	70.2	105.2
176	87.9	68.3	102.5





#61

Tetrachloroethene

Concen: 18.806 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

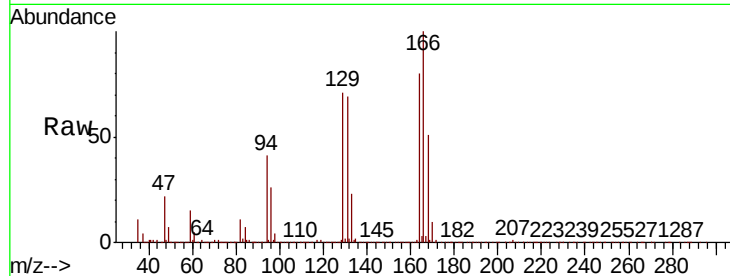
ClientSampleId :

ICVVX121219

Tot Ion:	164	Resp:	112389
Ion	Ratio	Lower	Upper
164	100		
166	125.4	104.2	156.2
129	89.3	71.6	107.4
131	86.1	71.7	107.5

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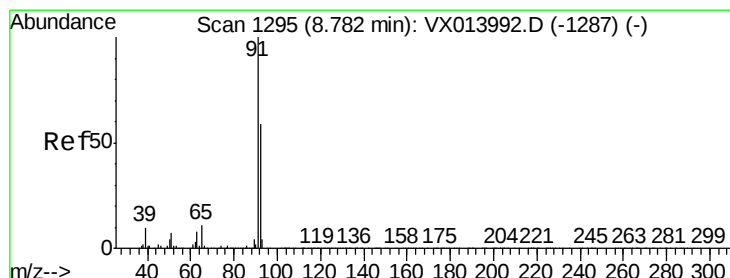
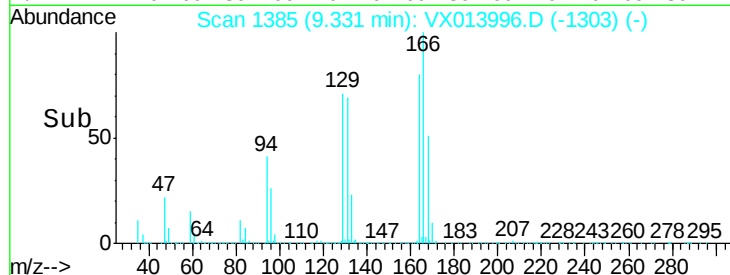
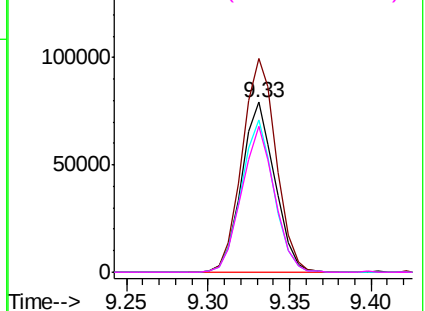


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.514 ug/l

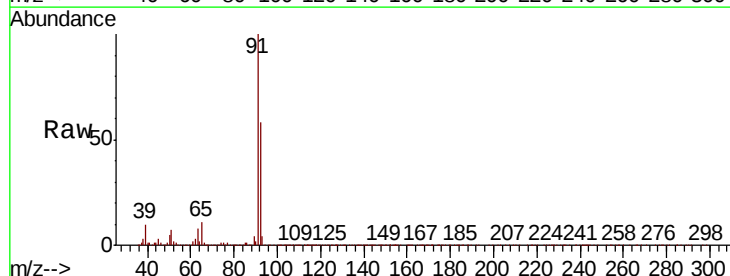
RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013996.D

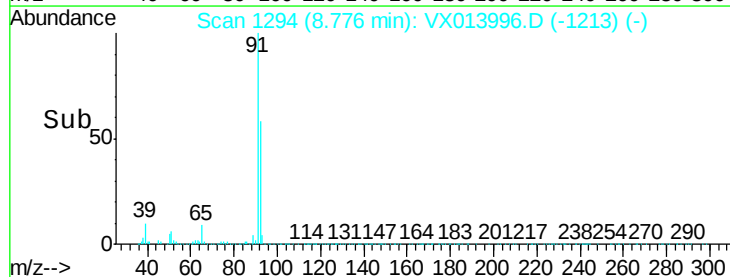
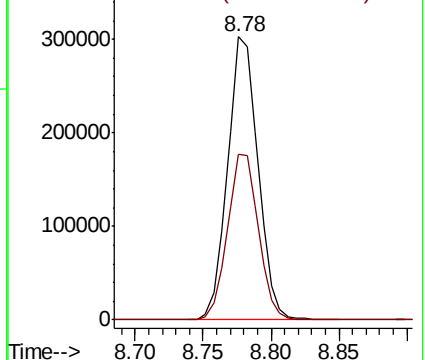
Acq: 13 Dec 2019 00:54

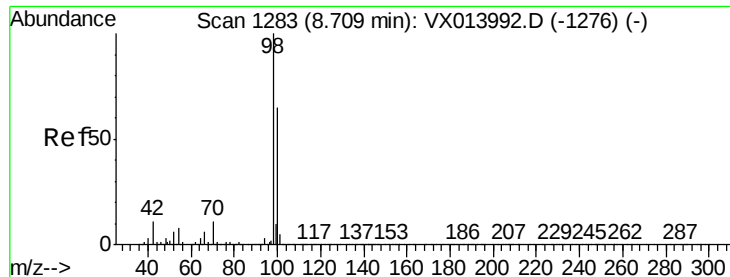
Tgt Ion:	91	Resp:	468845
Ion	Ratio	Lower	Upper
91	100		
92	59.5	46.4	69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.143 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121219

Tot Ion: 98 Resp: 608662

Ion Ratio Lower Upper

98 100

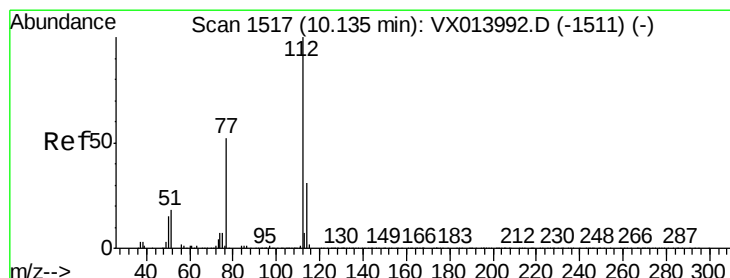
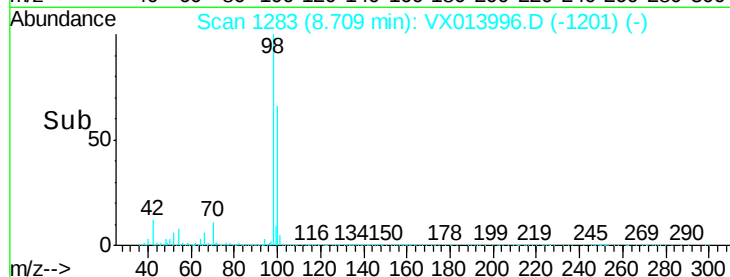
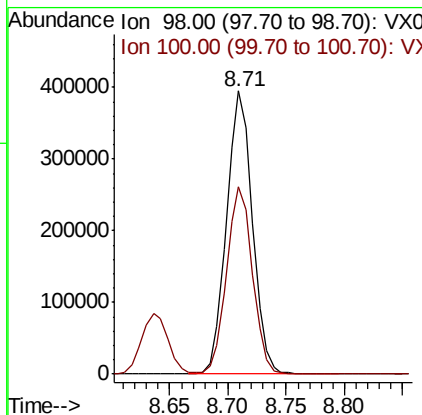
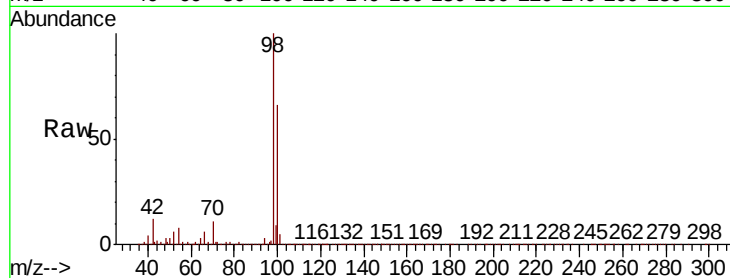
100 65.9 52.2 78.2

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#64

Chlorobenzene

Concen: 19.629 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013996.D

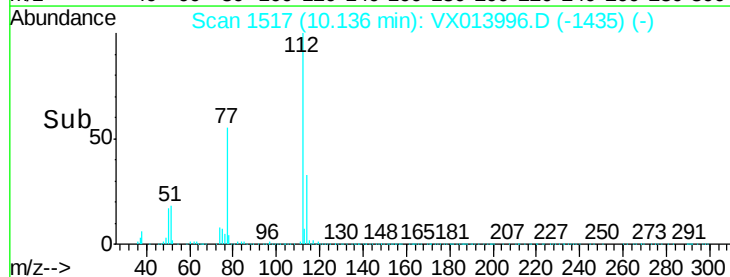
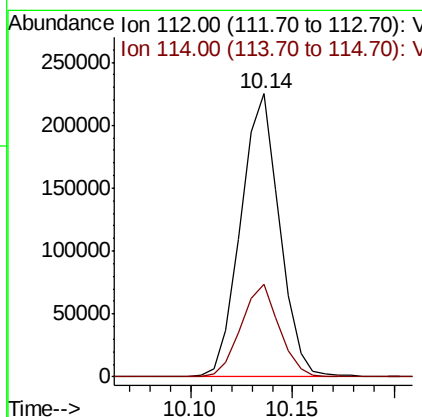
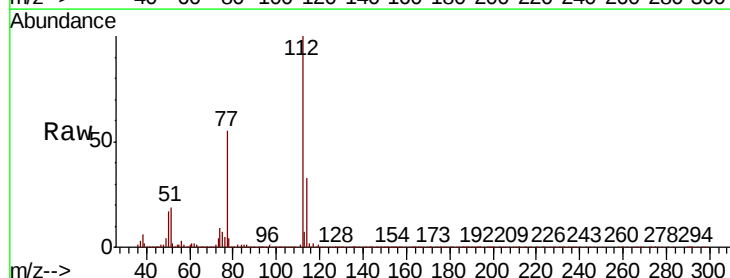
Acq: 13 Dec 2019 00:54

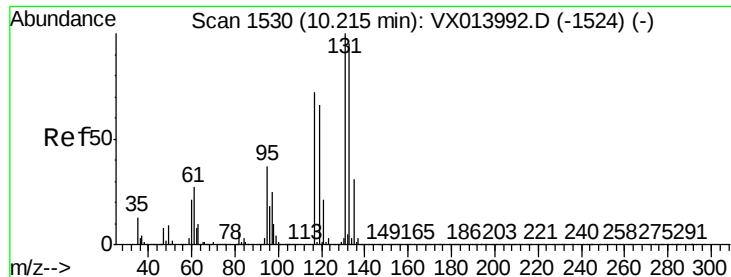
Tgt Ion: 112 Resp: 295466

Ion Ratio Lower Upper

112 100

114 32.5 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.191 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

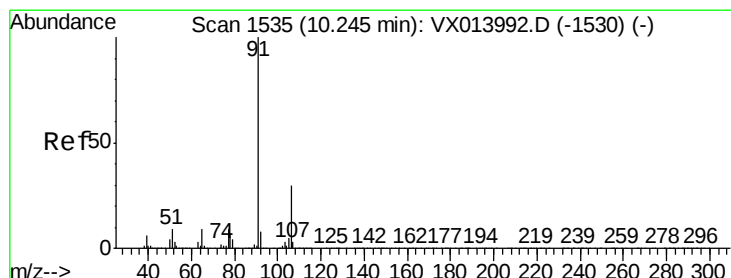
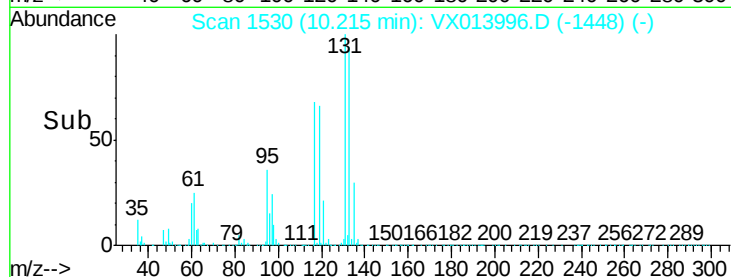
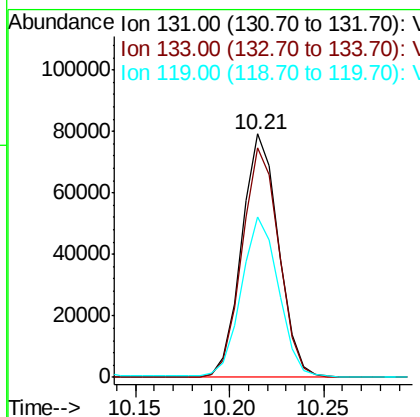
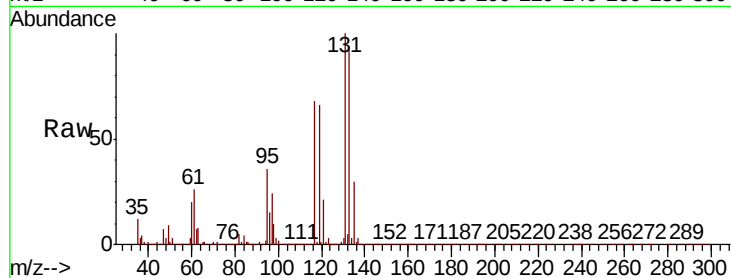
ClientSampleId :

ICVX121219

Tot Ion:	131	Resp:	106965
Ion Ratio	Lower	Upper	
131	100		
133	94.8	0.0	189.8
119	67.1	0.0	132.2

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#66

Ethyl Benzene

Concen: 19.641 ug/l

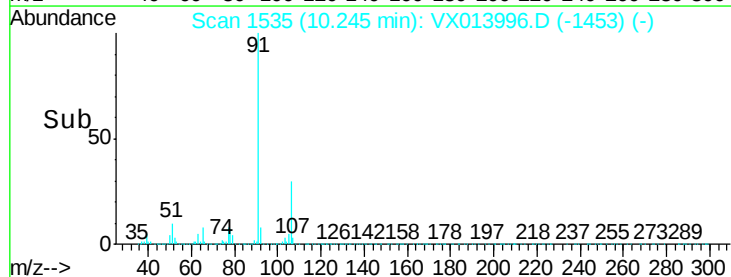
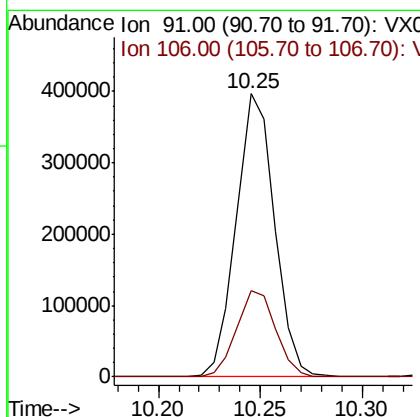
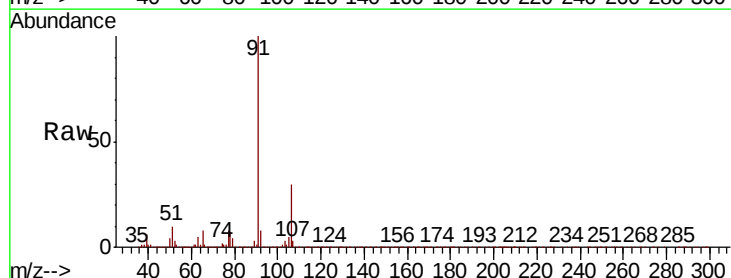
RT: 10.25 min Scan# 1535

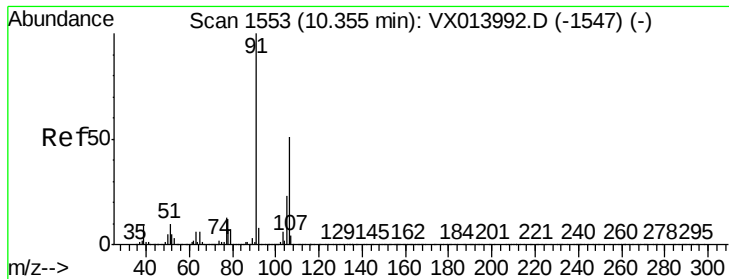
Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tgt Ion:	91	Resp:	516434
Ion Ratio	Lower	Upper	
91	100		
106	30.4	24.2	36.2





#67

m/p-Xylenes

Concen: 39.370 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVX121219

Tot Ion:106 Resp: 395717

Ion Ratio Lower Upper

106 100

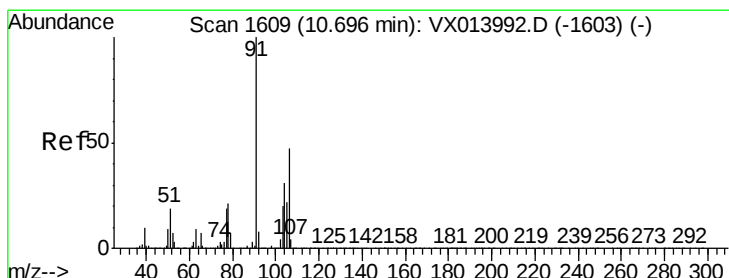
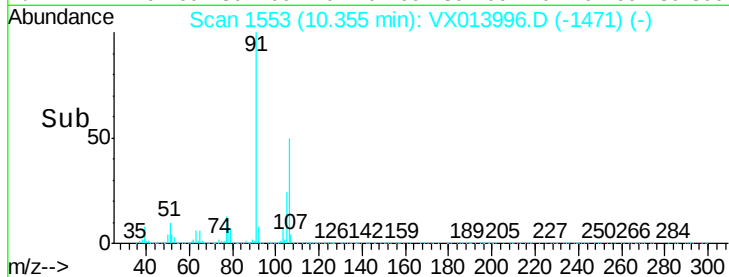
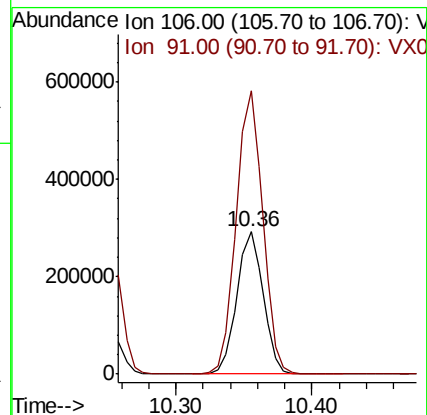
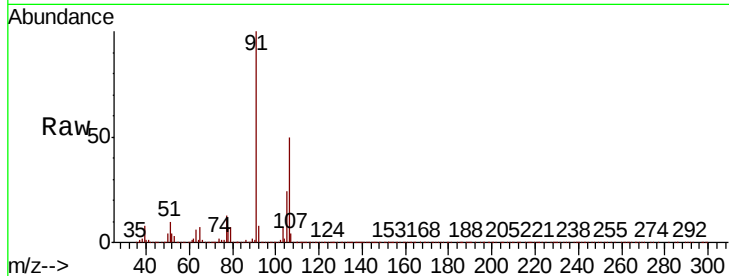
91 200.2 159.3 238.9

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#68

o-Xylene

Concen: 19.341 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013996.D

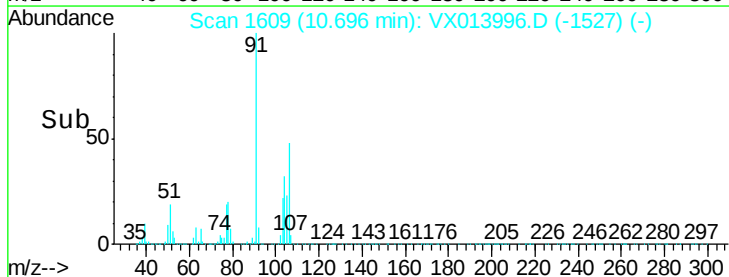
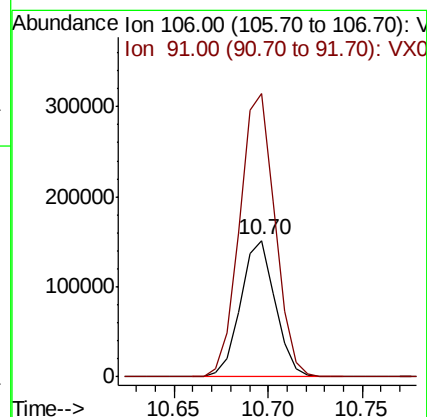
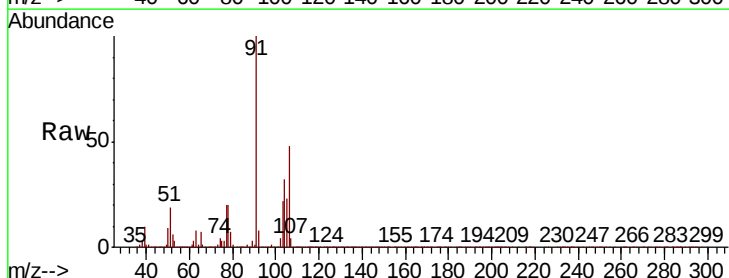
Acq: 13 Dec 2019 00:54

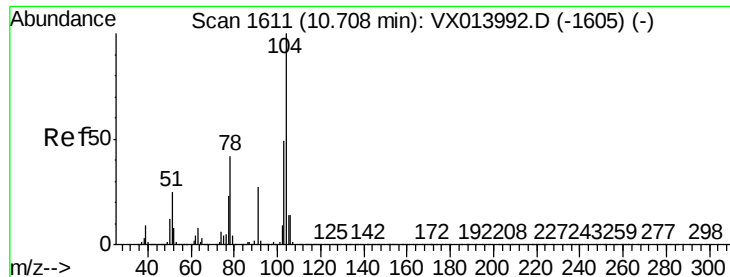
Tgt Ion:106 Resp: 192584

Ion Ratio Lower Upper

106 100

91 211.9 104.8 314.6





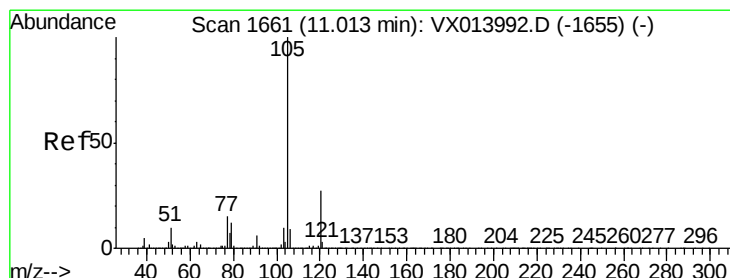
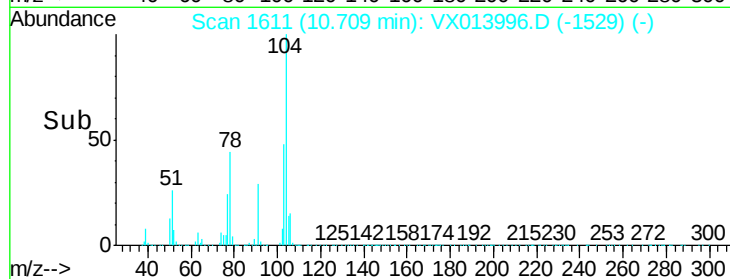
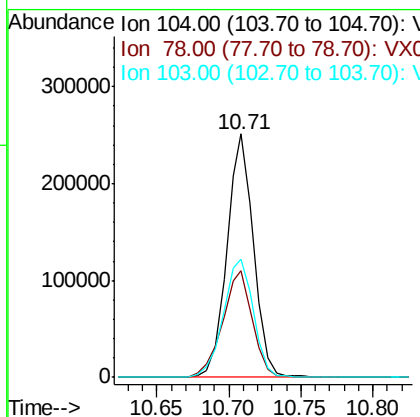
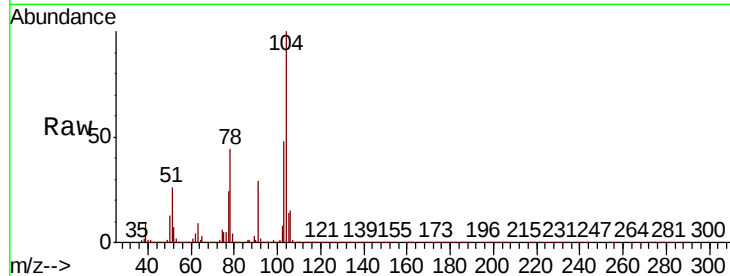
#69
Stvrene
Concen: 19.192 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.9	38.9	58.3
103	55.3	44.2	66.2

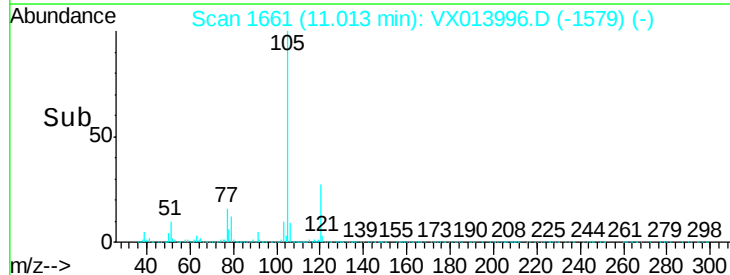
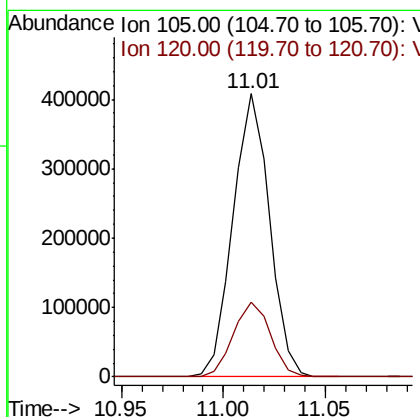
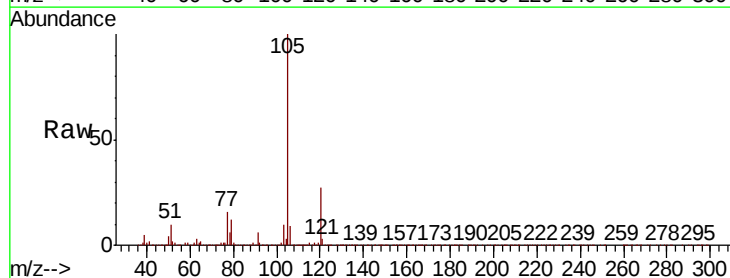
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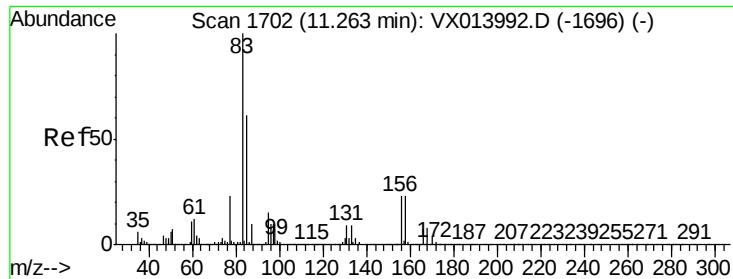
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#70
Isopropylbenzene
Concen: 19.665 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	19.1	35.5





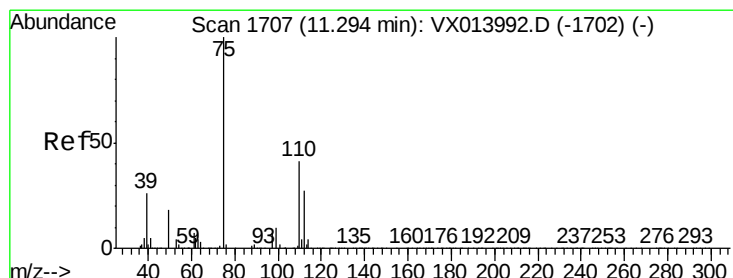
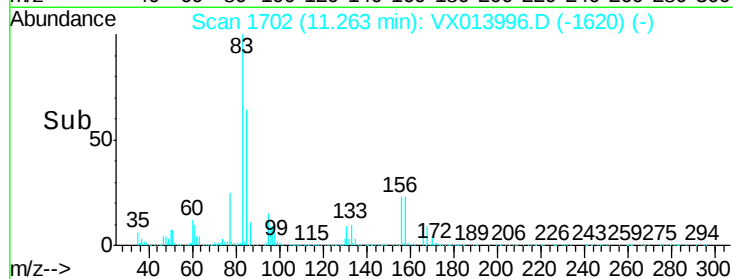
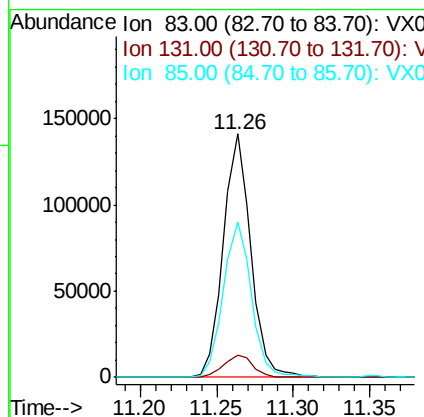
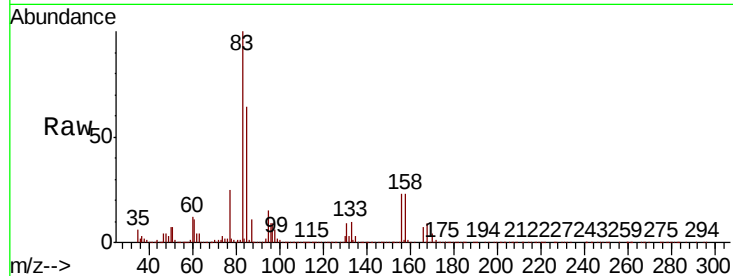
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.288 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.7
85	65.1	31.6	94.7

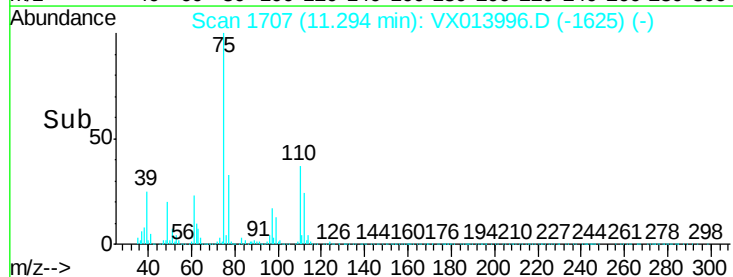
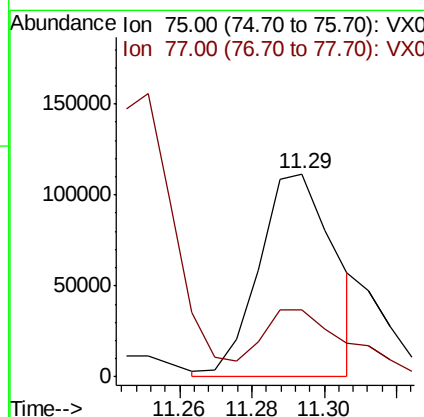
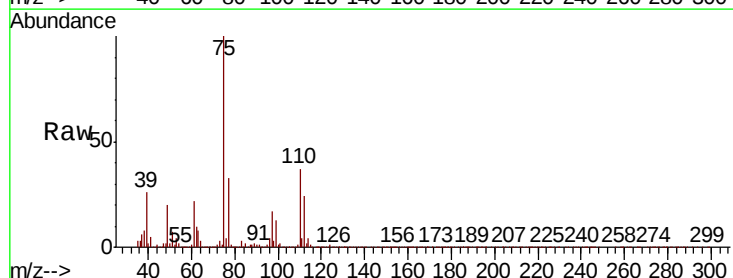
Manual Integrations
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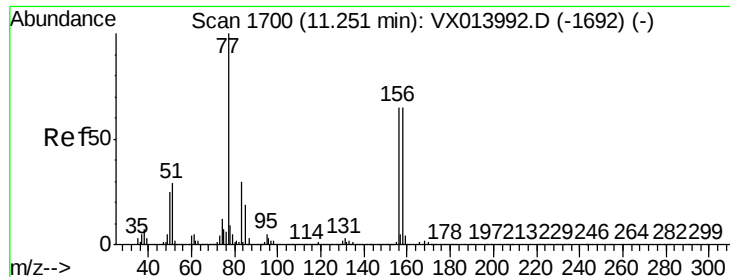
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#72
 1,2,3-Trichloropropane
 Concen: 19.895 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.8	0.0	68.4





#73

Bromobenzene

Concen: 19.235 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

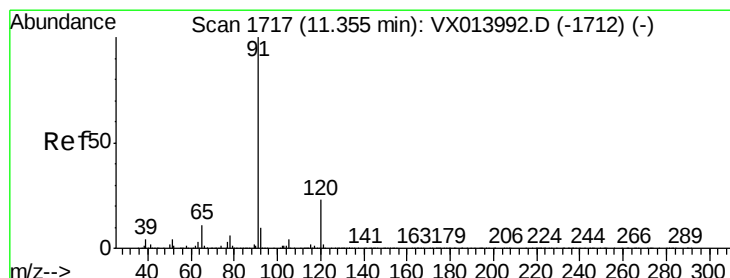
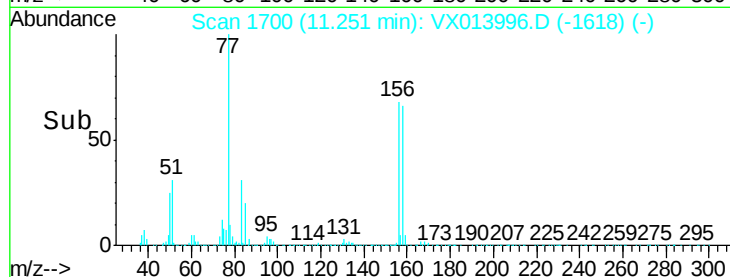
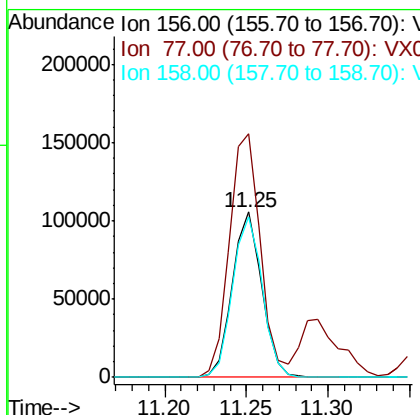
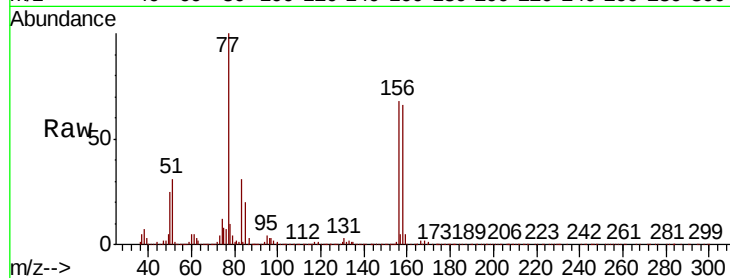
ClientSampleId :

ICVVX121219

Tot Ion:	156	Resp:	132124
Ion Ratio	Lower	Upper	
156	100		
77	156.2	0.0	304.6
158	98.8	0.0	195.2

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#74

n-propylbenzene

Concen: 19.481 ug/l

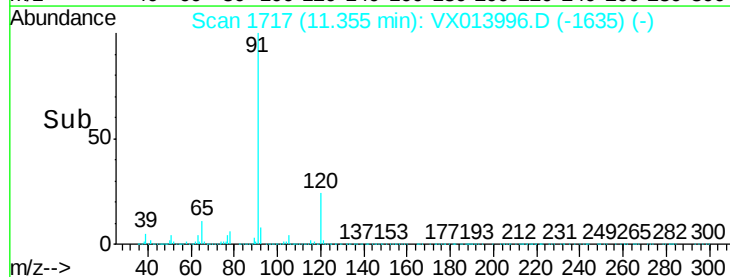
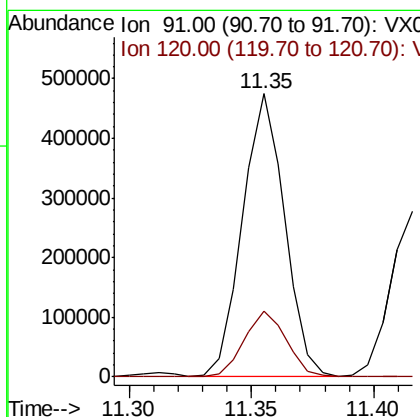
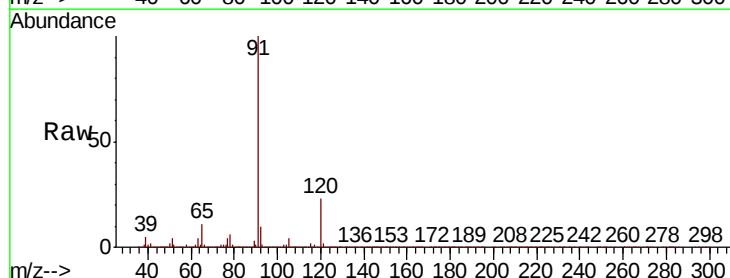
RT: 11.35 min Scan# 1717

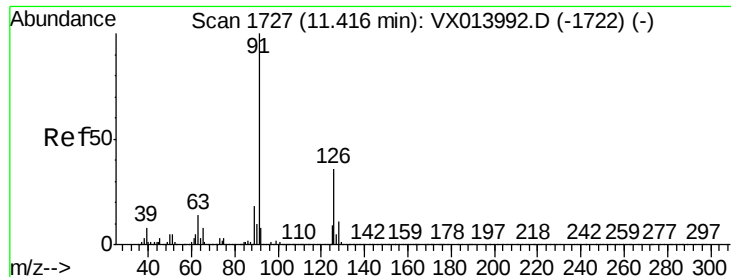
Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tgt Ion:	91	Resp:	568548
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	44.8





#75

2-Chlorotoluene

Concen: 19.494 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

ICVX121219

Tot Ion: 91 Resp: 343764

Ion Ratio Lower Upper

91 100

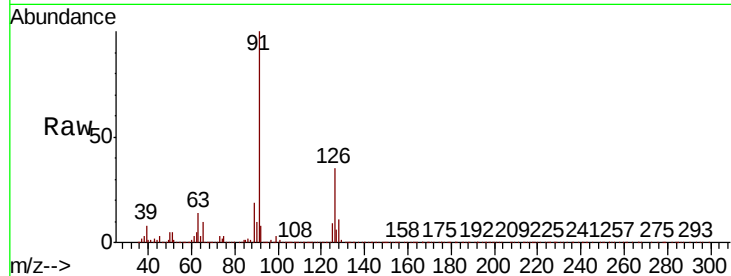
126 34.3 0.0 70.8

Manual Integrations

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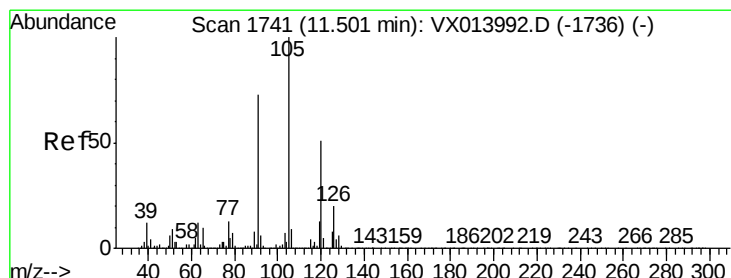
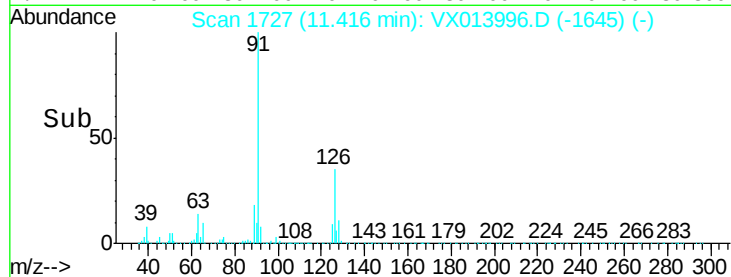
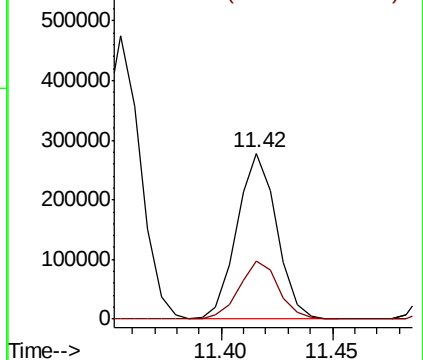
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.415 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013996.D

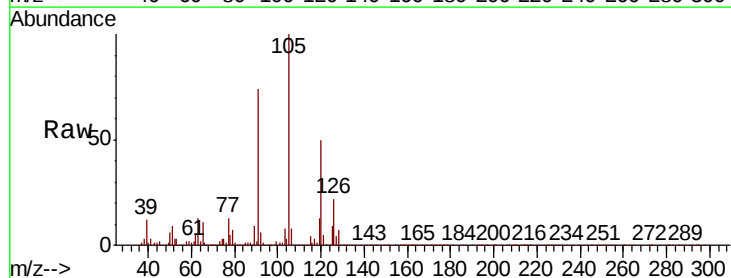
Acq: 13 Dec 2019 00:54

Tgt Ion: 105 Resp: 423786

Ion Ratio Lower Upper

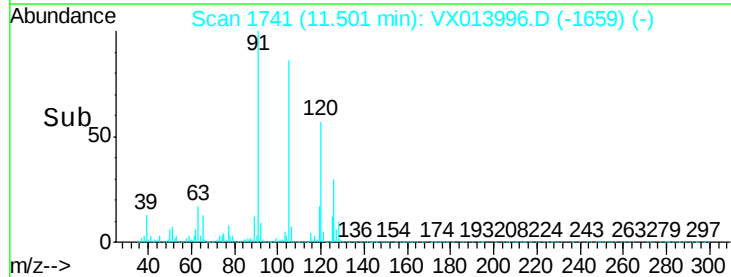
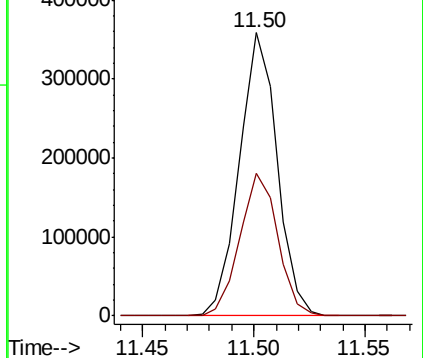
105 100

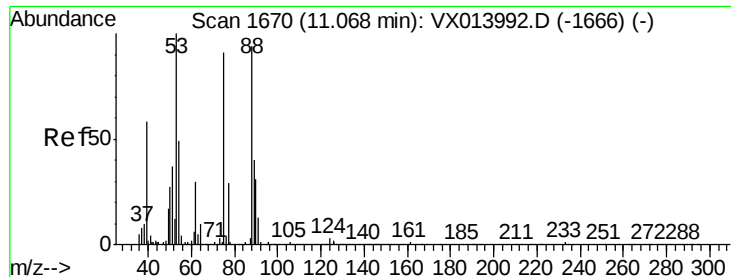
120 50.5 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.328 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

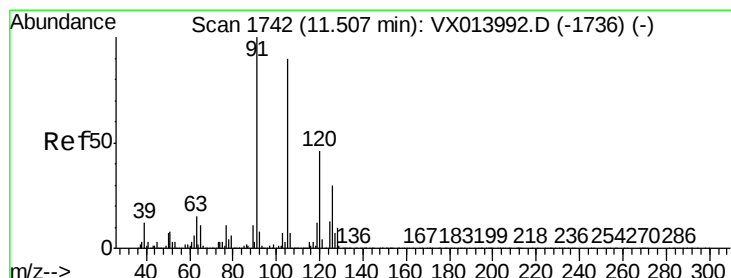
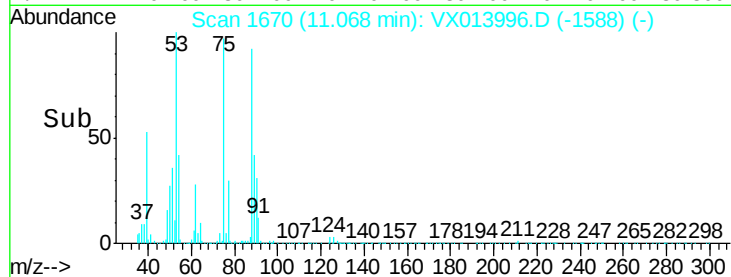
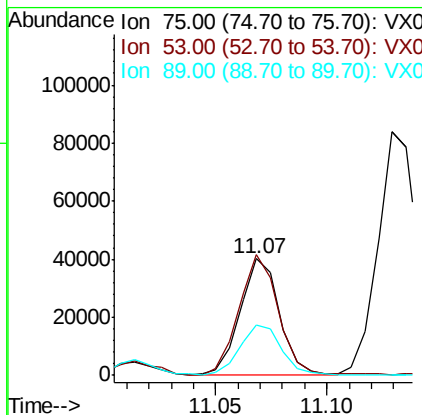
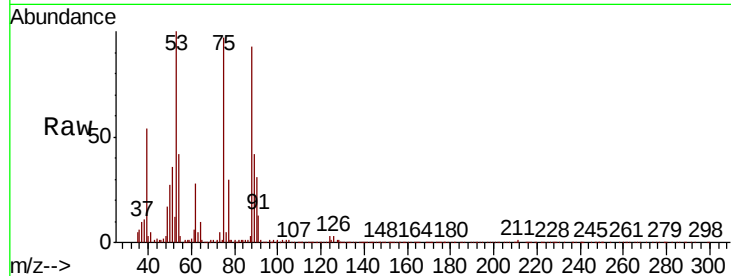
ClientSampleId :

ICVX121219

Tot Ion:	75	Resp:	49159
Ion Ratio	Lower	Upper	
75	100		
53	103.4	54.4	163.1
89	43.0	21.9	65.5

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#78

4-Chlorotoluene

Concen: 19.162 ug/l

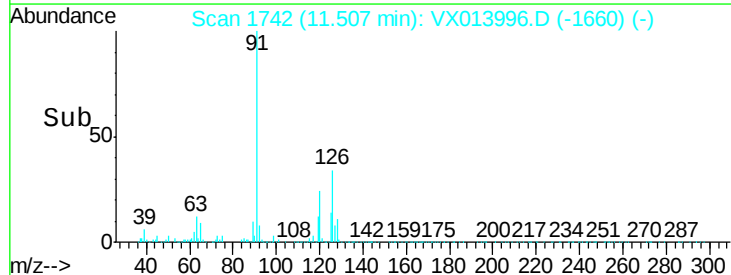
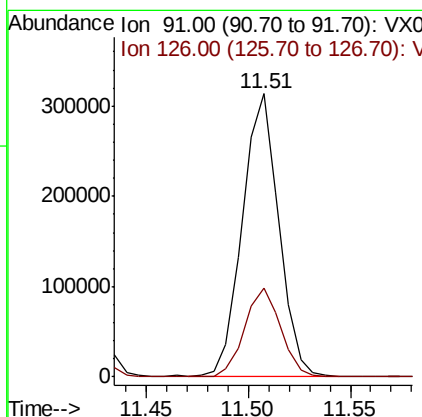
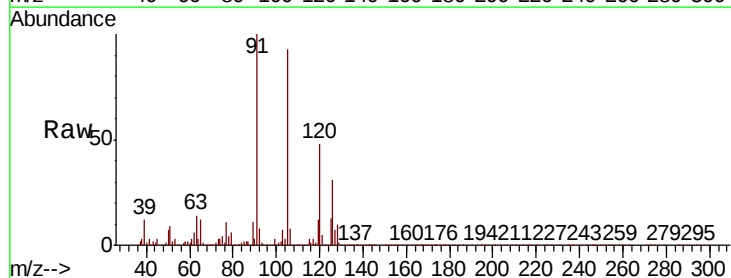
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tgt Ion:	91	Resp:	386131
Ion Ratio	Lower	Upper	
91	100		
126	31.2	0.0	59.6





#79

tert-butylbenzene

Concen: 19.687 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

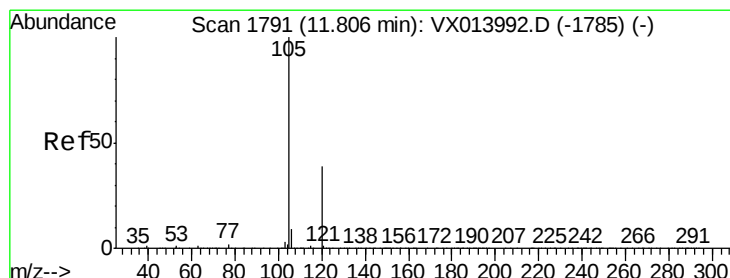
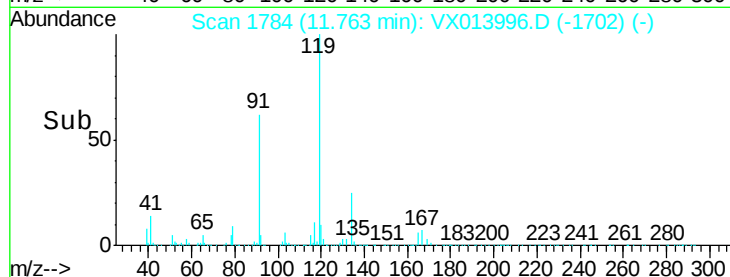
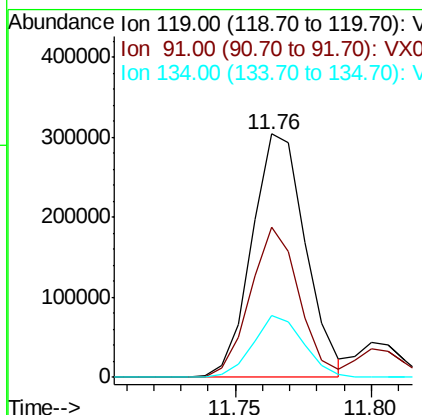
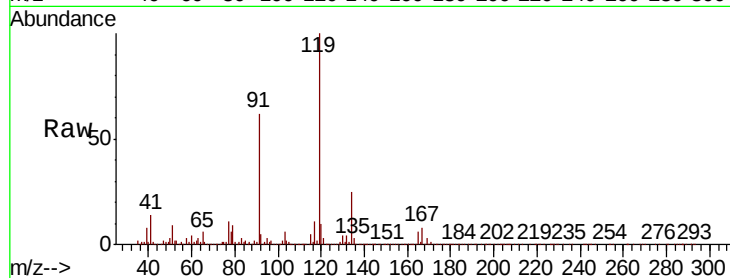
ClientSampleId :

ICVX121219

Tot Ion:	119	Resp:	414213
Ion Ratio	Lower	Upper	
119	100		
91	56.1	0.0	112.6
134	24.1	0.0	49.8

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#80

1,2,4-Trimethylbenzene

Concen: 19.474 ug/l

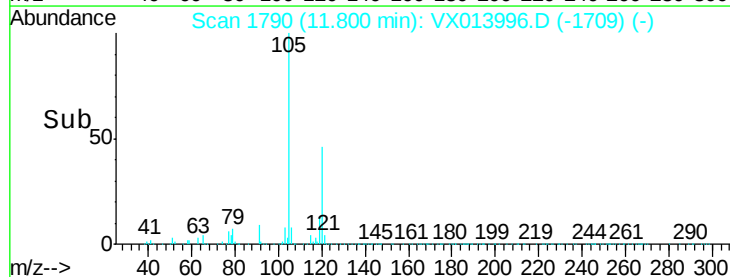
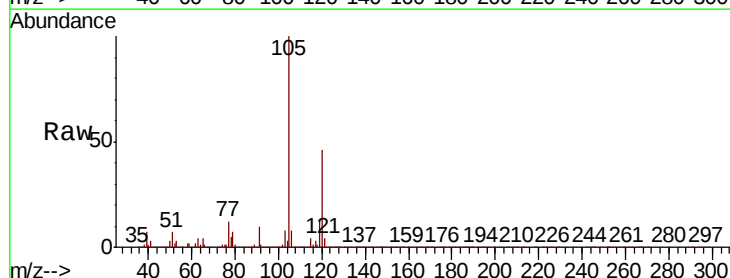
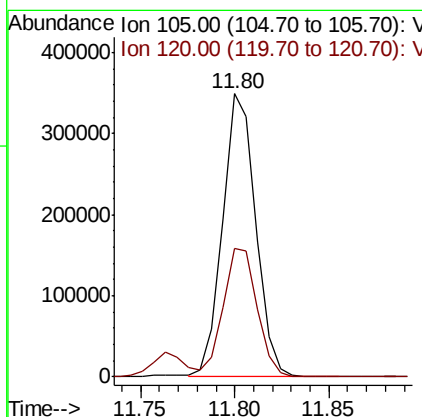
RT: 11.80 min Scan# 1790

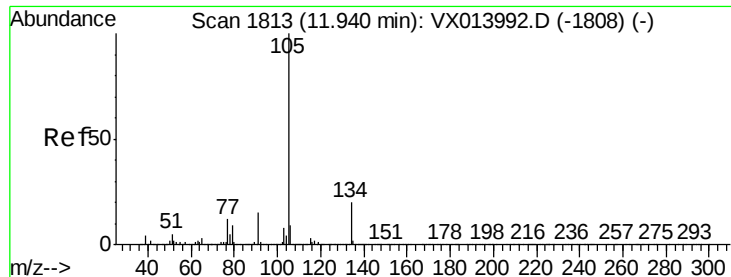
Delta R.T. -0.01 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tgt Ion:	105	Resp:	425043
Ion Ratio	Lower	Upper	
105	100		
120	46.3	0.0	92.0





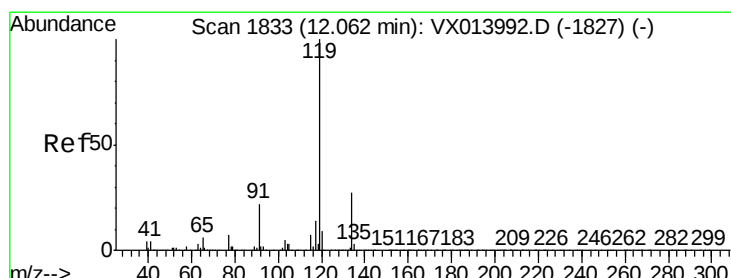
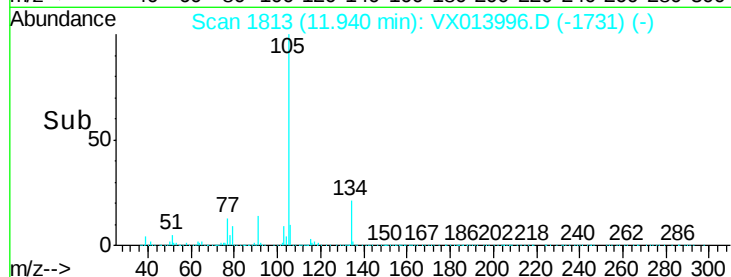
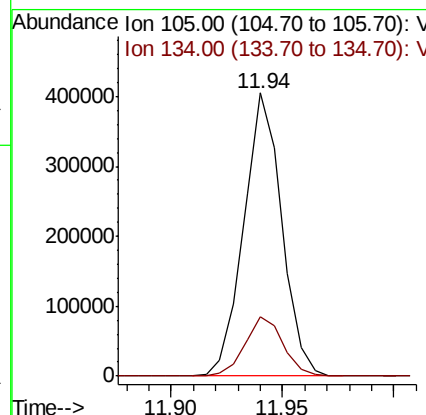
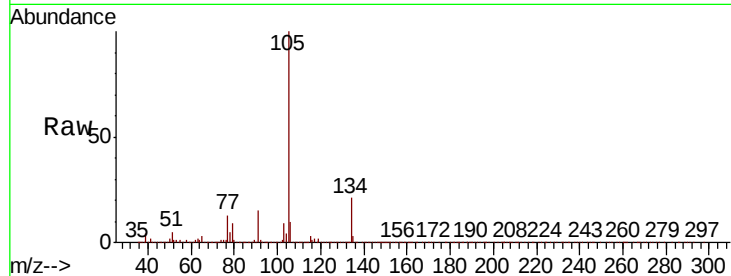
#81
 sec-Butylbenzene
 Concen: 19.241 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

Tot Ion	Ratio	Resp	Lower	Upper
105	100	481504		
134	20.8	0.0	40.2	

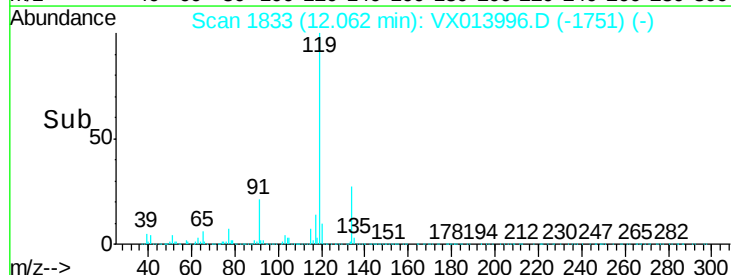
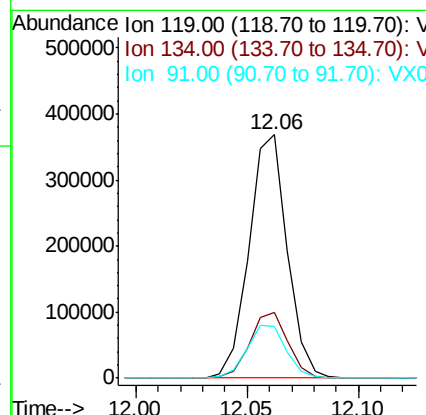
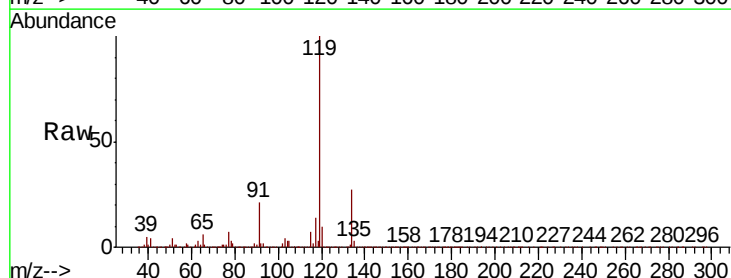
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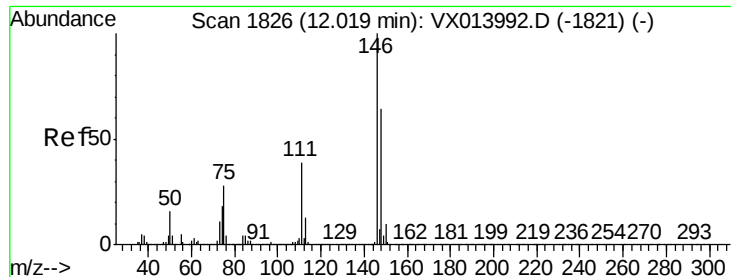
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#82
 p-Isopropyltoluene
 Concen: 19.450 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	439247		
134	27.1	0.0	53.8	
91	22.2	0.0	45.0	





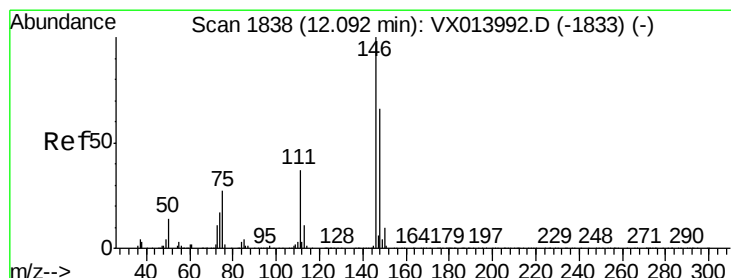
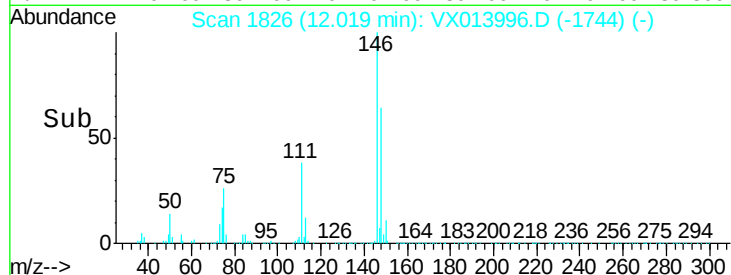
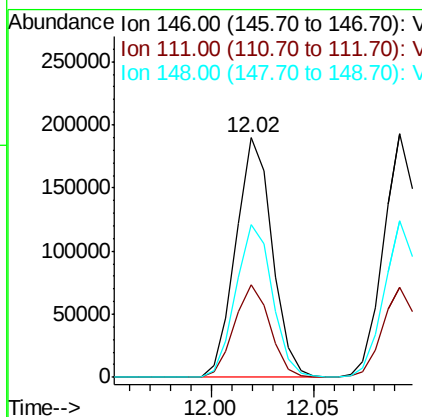
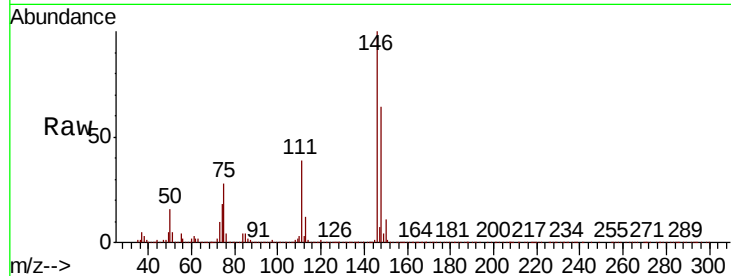
#83
 1,3-Dichlorobenzene
 Concen: 19.600 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.3	57.9
148	64.2	32.2	96.6

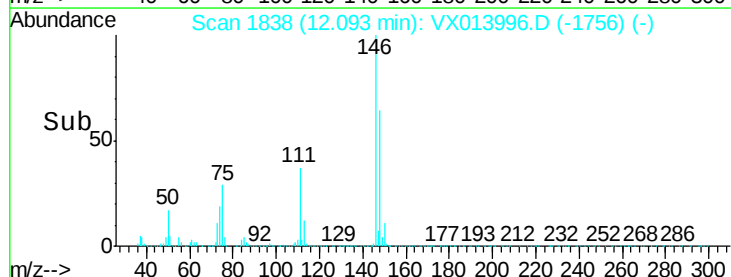
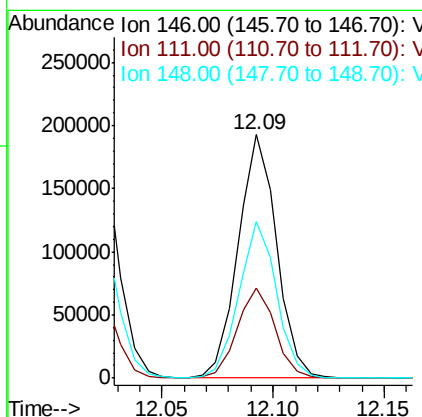
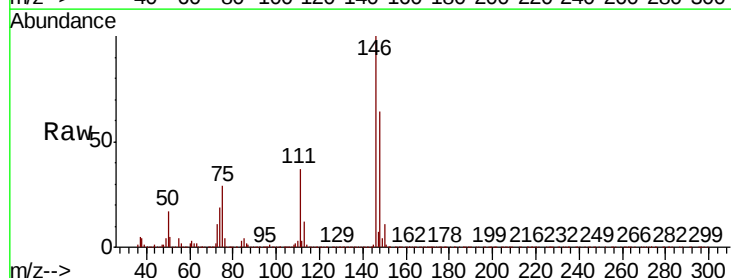
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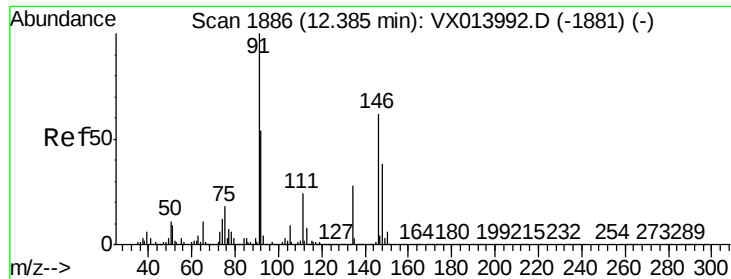
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#84
 1,4-Dichlorobenzene
 Concen: 19.232 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.4
148	64.1	32.0	96.0





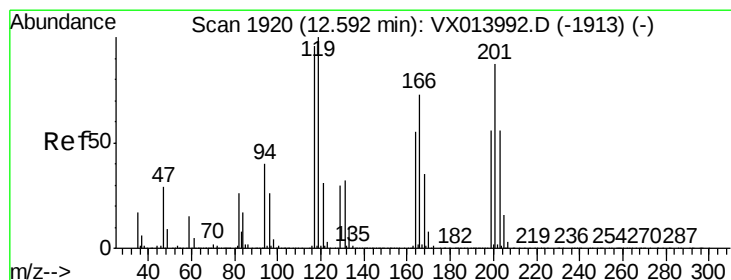
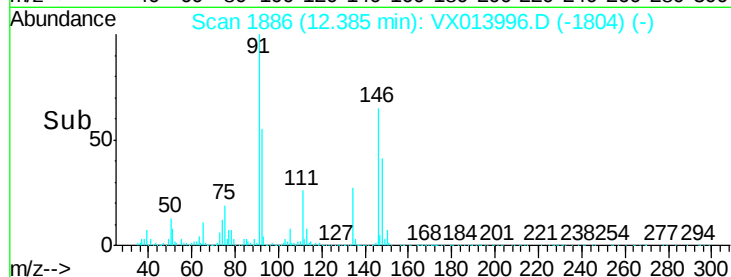
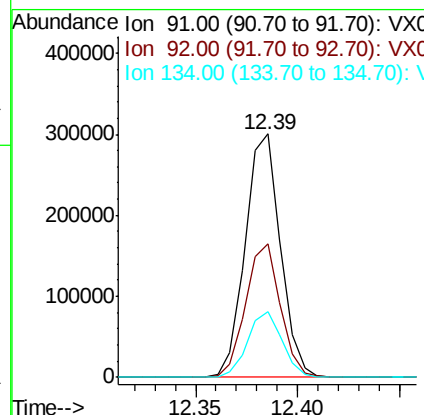
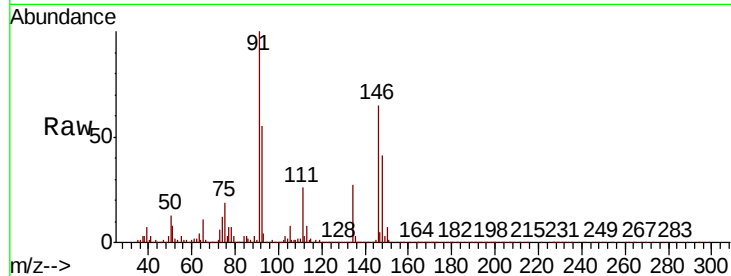
#85
n-Butylbenzene
Concen: 18.906 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.2	0.0	109.0	
134	26.5	0.0	54.0	

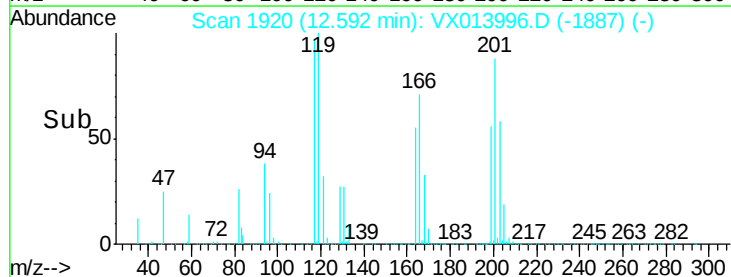
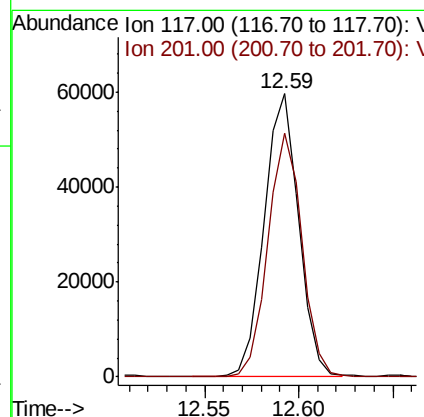
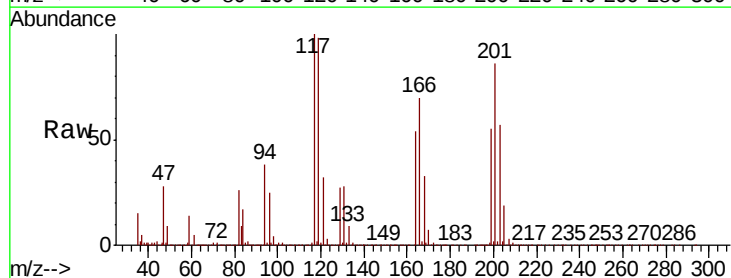
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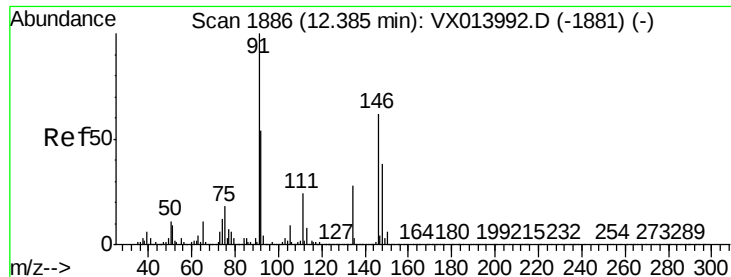
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#86
Hexachloroethane
Concen: 18.368 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	85.3	44.8	134.3	





#87

1,2-Dichlorobenzene

Concen: 19.310 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Instrument :

MSVOA_X

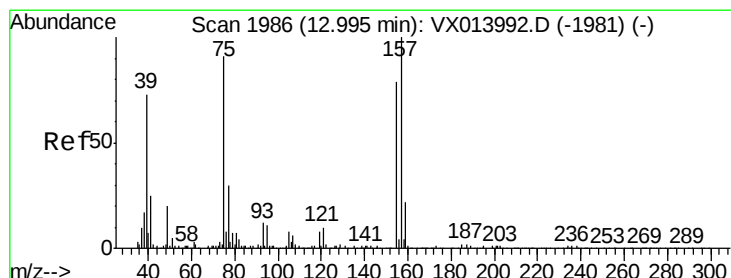
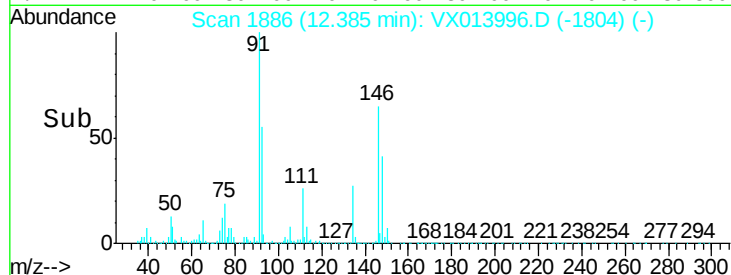
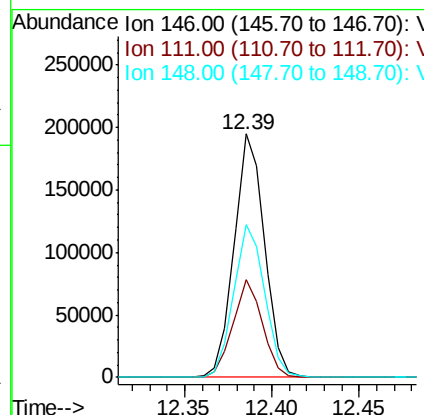
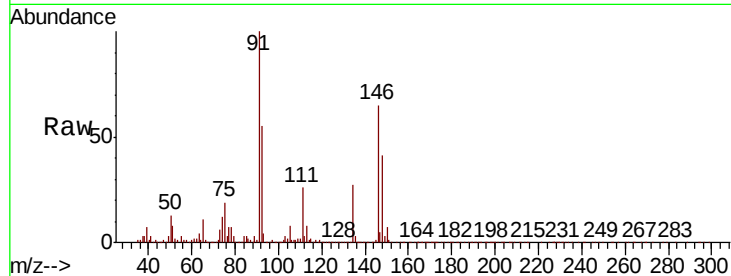
ClientSampleId :

ICVVX121219

Tot Ion:	146	Resp:	234822
Ion Ratio		Lower	Upper
146	100		
111	39.0	20.1	60.2
148	64.4	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.456 ug/l

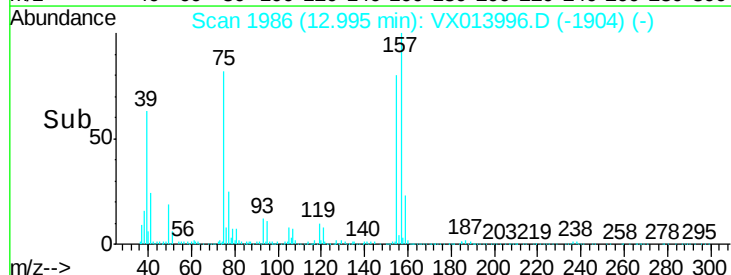
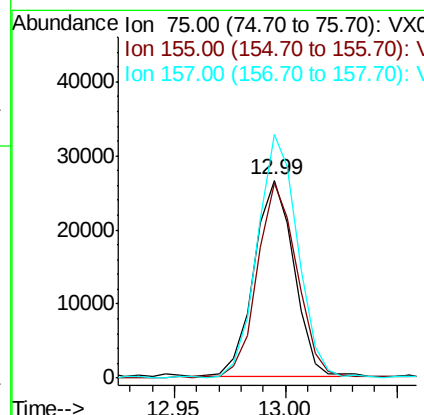
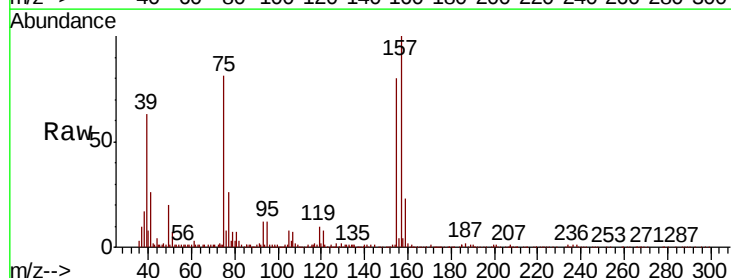
RT: 12.99 min Scan# 1886

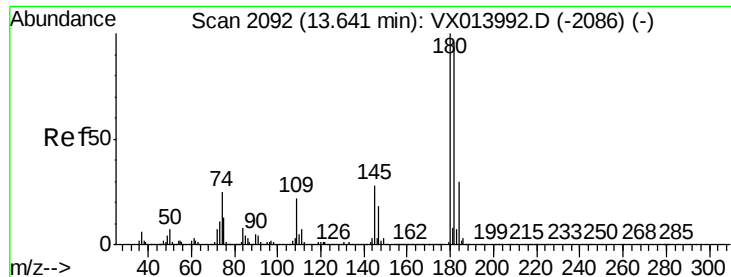
Delta R.T. 0.00 min

Lab File: VX013996.D

Acq: 13 Dec 2019 00:54

Tgt Ion:	75	Resp:	33568
Ion Ratio		Lower	Upper
75	100		
155	97.9	73.8	110.6
157	124.4	95.0	142.4





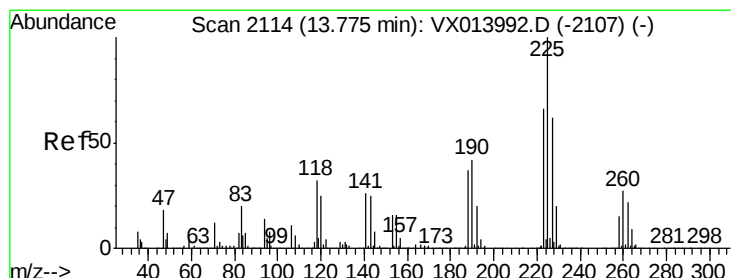
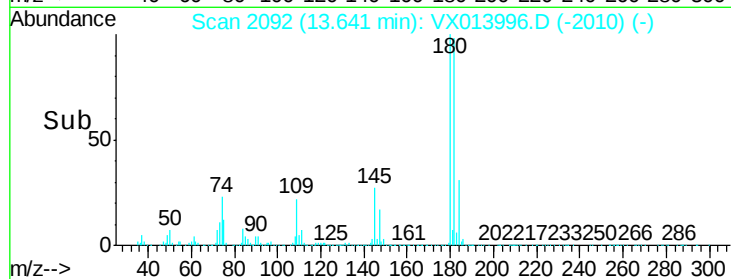
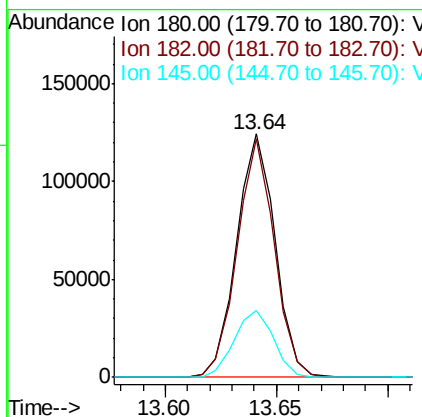
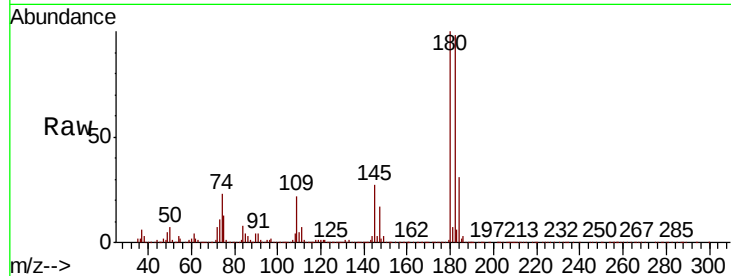
#89
 1,2,4-Trichlorobenzene
 Concen: 19.222 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121219

Tot Ion	Ratio	Resp	Lower	Upper
180	100	149396		
182	95.1	76.4	114.6	
145	27.9	21.9	32.9	

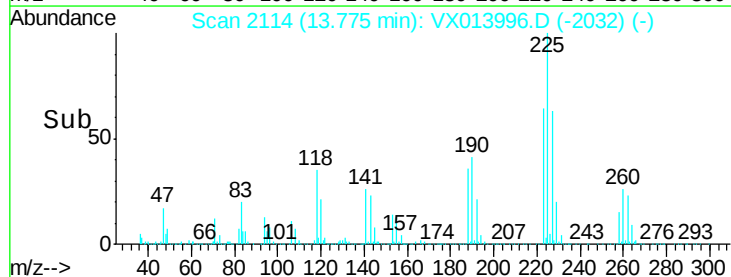
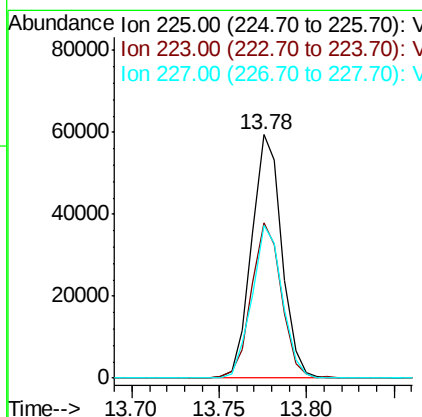
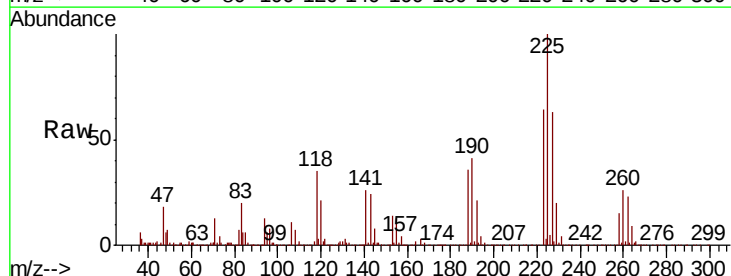
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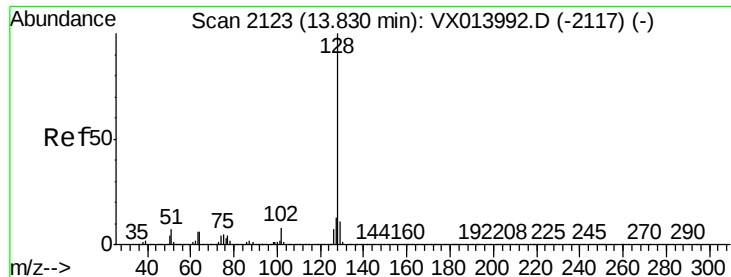
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#90
 Hexachlorobutadiene
 Concen: 19.318 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013996.D
 Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	71365		
223	63.3	0.0	127.4	
227	62.6	0.0	122.8	





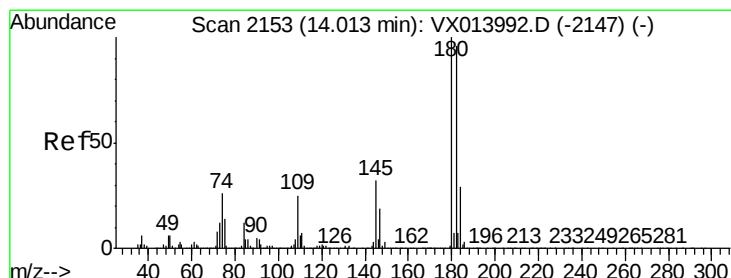
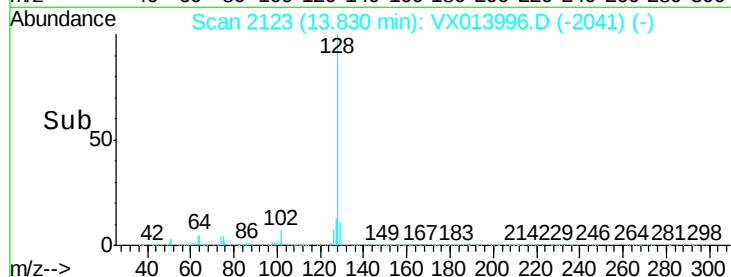
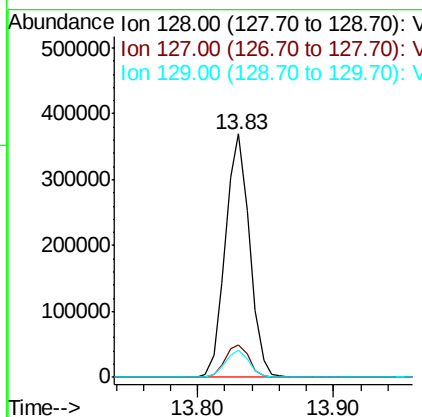
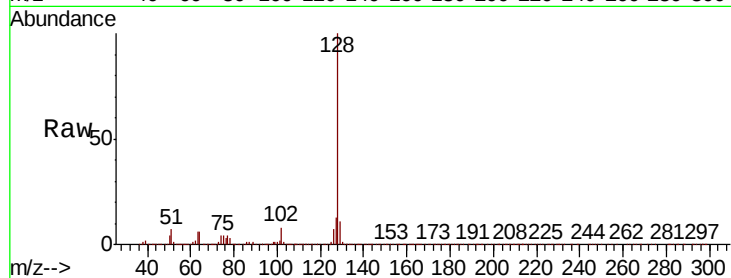
#91
Naphthalene
Concen: 19.544 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121219

Tot Ion	Ratio	Resp	Lower	Upper
128	100	456562		
127	13.2	10.4	15.6	
129	11.0	8.9	13.3	

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#92
1,2,3-Trichlorobenzene
Concen: 19.010 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013996.D
Acq: 13 Dec 2019 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	149858		
182	97.9	0.0	192.8	
145	30.4	0.0	60.0	

