

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011901.D
 Acq On : 30 Aug 2019 10:17
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 9/3/2019 2:12:06 PM

Quant Time: Aug 30 10:50:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	395593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	519492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	472805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	275066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	158300	41.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.54%	
35) Dibromofluoromethane	5.48	113	157172	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	8.71	98	587905	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	234389	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	130064	54.475	ug/l	100
3) Chloromethane	1.31	50	137915	49.828	ug/l	99
4) Vinyl Chloride	1.40	62	139643	52.836	ug/l	100
5) Bromomethane	1.62	94	95283	52.104	ug/l	99
6) Chloroethane	1.72	64	88097	53.558	ug/l	100
7) Trichlorofluoromethane	1.92	101	254964	55.547	ug/l	97
8) Diethyl Ether	2.17	74	72461	45.935	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	159316	53.255	ug/l	98
10) Methyl Iodide	2.50	142	167611	51.221	ug/l	99
11) Tert butyl alcohol	3.02	59	71152	195.129	ug/l	99
12) 1,1-Dichloroethene	2.36	96	139701	50.281	ug/l	100
13) Acrolein	2.28	56	36338	200.221	ug/l	97
14) Allyl chloride	2.72	41	265931	51.024	ug/l	99
15) Acrylonitrile	3.12	53	189940	219.211	ug/l	99
16) Acetone	2.43	43	241712	296.403	ug/l	100
17) Carbon Disulfide	2.56	76	426987	53.578	ug/l	100
18) Methyl Acetate	2.76	43	91546m	40.554	ug/l	
19) Methyl tert-butyl Ether	3.18	73	410376	45.592	ug/l	100
20) Methylene Chloride	2.84	84	166096	47.487	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	171096	52.277	ug/l	98
22) Diisopropyl ether	3.84	45	508979	47.836	ug/l	98
23) Vinyl Acetate	3.80	43	1617405	236.436	ug/l	99
24) 1,1-Dichloroethane	3.68	63	295479	50.359	ug/l	100
25) 2-Butanone	4.65	43	290661	244.721	ug/l	97
26) 2,2-Dichloropropane	4.57	77	292967	59.532	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	195381	50.681	ug/l	98
28) Bromochloromethane	5.00	49	118479	45.001	ug/l	99
29) Tetrahydrofuran	5.11	42	158146	213.326	ug/l	99
30) Chloroform	5.19	83	311298	49.620	ug/l	95
31) Cyclohexane	5.56	56	252515	53.357	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	296657	53.233	ug/l	100
36) 1,1-Dichloropropene	5.78	75	237876	57.798	ug/l	99
37) Ethyl Acetate	4.81	43	113149	46.445	ug/l	99
38) Carbon Tetrachloride	5.77	117	280229	58.709	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	276938	56.493	ug/l	97
40) Benzene	6.13	78	663080	53.975	ug/l	100
41) Methacrylonitrile	5.03	41	68601	47.825	ug/l	98
42) 1,2-Dichloroethane	6.18	62	210021	50.271	ug/l	100
43) Isopropyl Acetate	6.43	43	230024	46.570	ug/l	99
44) Trichloroethene	7.20	130	212447	55.892	ug/l	98
45) 1,2-Dichloropropane	7.50	63	164936	51.327	ug/l	98
46) Dibromomethane	7.65	93	93571	49.064	ug/l	99
47) Bromodichloromethane	7.89	83	243764	51.546	ug/l	99
48) Methyl methacrylate	7.76	41	113589	47.265	ug/l	100
49) 1,4-Dioxane	7.73	88	28492	862.140	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	571711	227.846	ug/l	99
52) Toluene	8.78	92	440366	54.183	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	251134	51.843	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	286102	52.614	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	135186	48.420	ug/l	99
56) Ethyl methacrylate	9.17	69	187689	48.437	ug/l	99
57) 1,3-Dichloropropane	9.37	76	230110	49.657	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	420372	227.772	ug/l	99
59) 2-Hexanone	9.48	43	441307	247.595	ug/l	99
60) Dibromochloromethane	9.57	129	192138	51.239	ug/l	99
61) 1,2-Dibromoethane	9.67	107	135696	49.022	ug/l	99
64) Tetrachloroethene	9.33	164	209533	55.094	ug/l	98
65) Chlorobenzene	10.14	112	501748	54.762	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	200659	54.157	ug/l	99
67) Ethyl Benzene	10.25	91	880325	56.485	ug/l	99
68) m/p-Xylenes	10.35	106	686708	114.110	ug/l	99
69) o-Xylene	10.70	106	326452	55.668	ug/l	99
70) Styrene	10.71	104	568540	55.004	ug/l	99
71) Bromoform	10.85	173	135672	51.786	ug/l	99
73) Isopropylbenzene	11.01	105	912484	57.735	ug/l	100
74) N-amyl acetate	10.89	43	226175	48.222	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	158743	49.077	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	140518m	51.931	ug/l	
77) Bromobenzene	11.25	156	248320	54.174	ug/l	98
78) n-propylbenzene	11.35	91	1042391	58.163	ug/l	99
79) 2-Chlorotoluene	11.42	91	604291	56.017	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	777650	57.005	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54992	51.056	ug/l	99
82) 4-Chlorotoluene	11.51	91	721495	55.439	ug/l	100
83) tert-Butylbenzene	11.76	119	812196	58.675	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	782005	55.935	ug/l	100
85) sec-Butylbenzene	11.94	105	939271	58.419	ug/l	99
86) p-Isopropyltoluene	12.06	119	905241	58.064	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	472958	55.518	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	470478	54.630	ug/l	100
89) n-Butylbenzene	12.38	91	805721	58.415	ug/l	100
90) Hexachloroethane	12.59	117	171979	57.020	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	419698	52.990	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31309	48.593	ug/l	98

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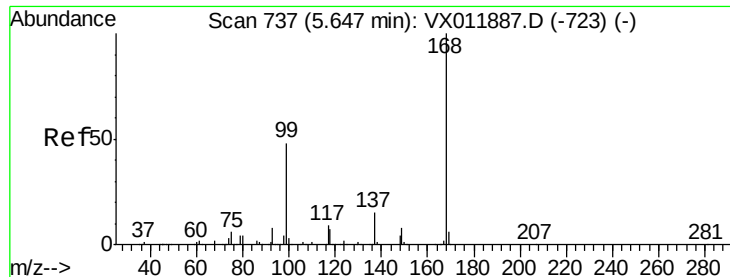
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	368348	55.233	ug/l	100
94) Hexachlorobutadiene	13.77	225	257347	57.782	ug/l	99
95) Naphthalene	13.83	128	579009	50.588	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	325615	53.993	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 395593

Ion Ratio Lower Upper

168 100

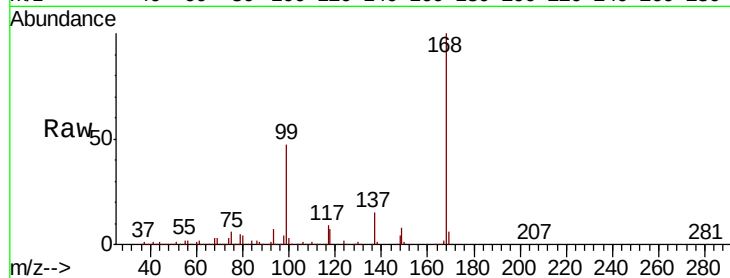
99 46.9 38.4 57.6

Manual Integrations

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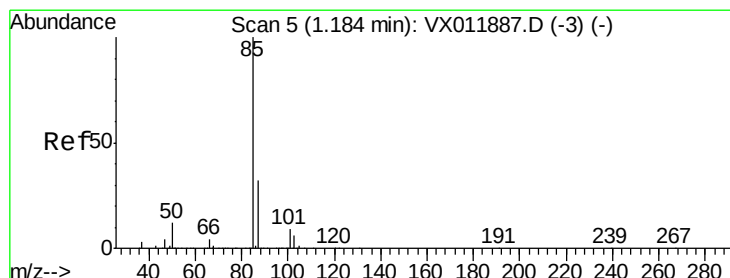
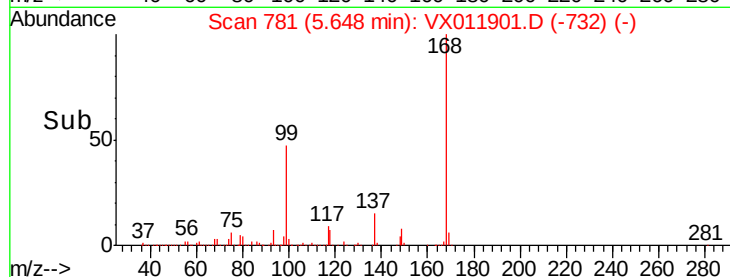
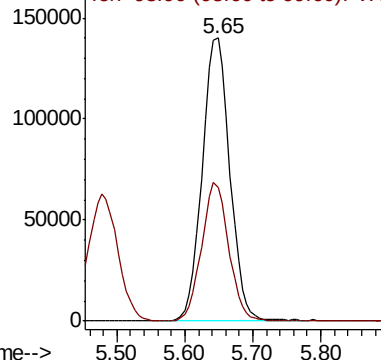
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 54.475 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX011901.D

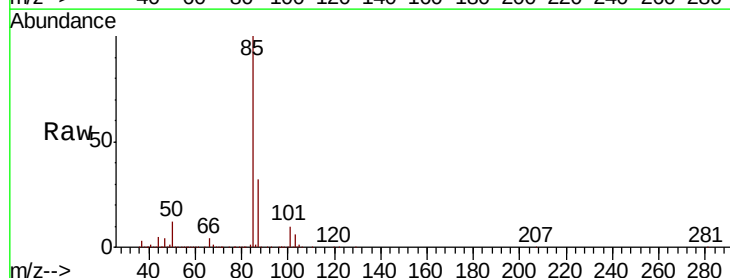
Acq: 30 Aug 2019 10:17

Tgt Ion: 85 Resp: 130064

Ion Ratio Lower Upper

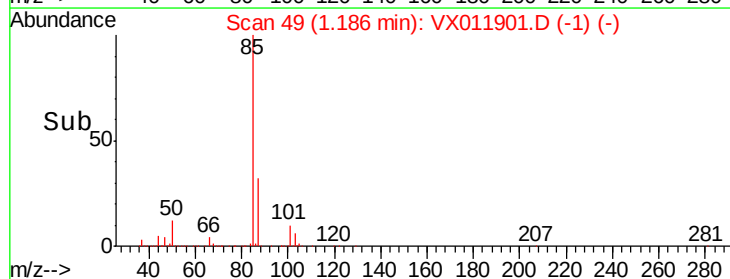
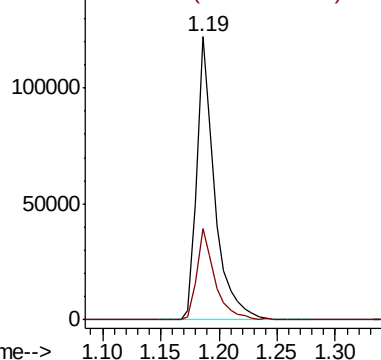
85 100

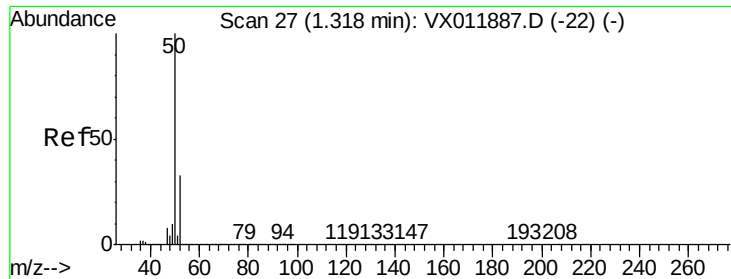
87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.828 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 137915

Ion Ratio Lower Upper

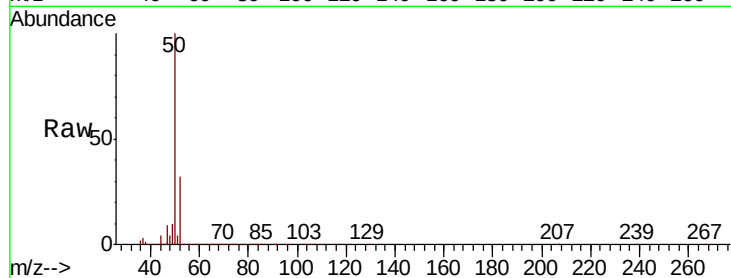
50 100

52 31.7 26.0 39.0

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

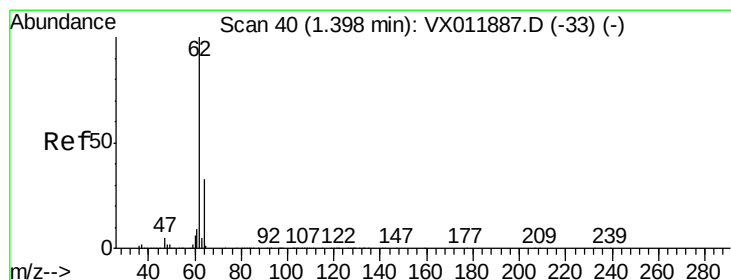
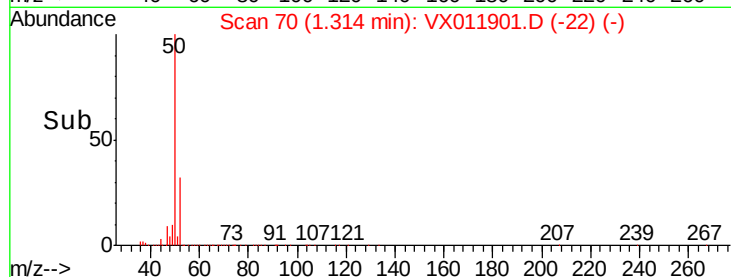
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 52.836 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX011901.D

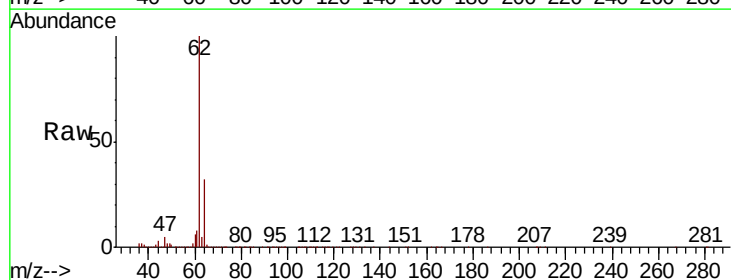
Acq: 30 Aug 2019 10:17

Tgt Ion: 62 Resp: 139643

Ion Ratio Lower Upper

62 100

64 32.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

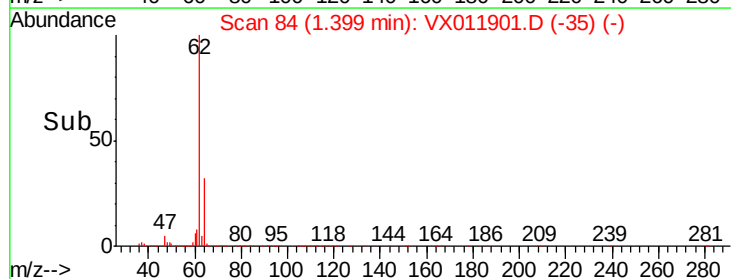
1.40

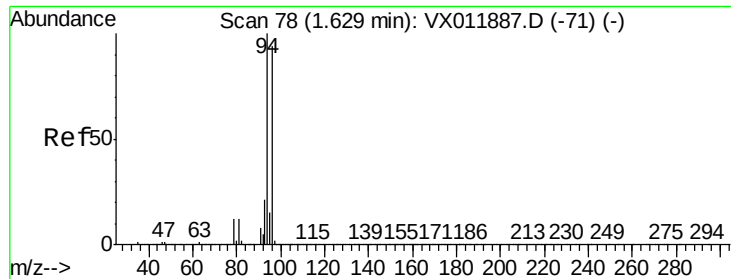
100000

50000

0

Time-->





#5

Bromomethane

Concen: 52.104 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 95283

Ion Ratio Lower Upper

94 100

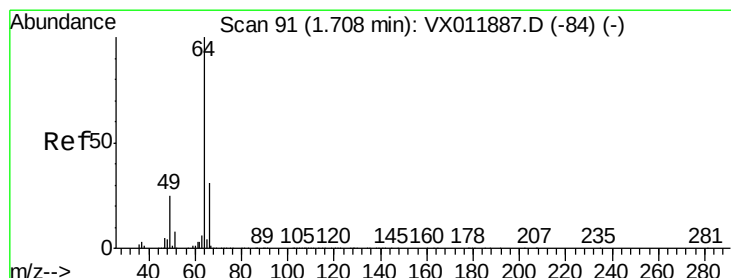
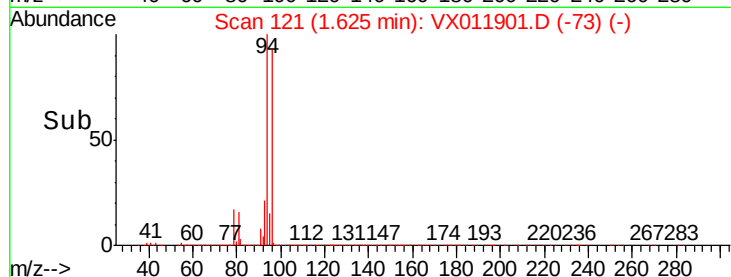
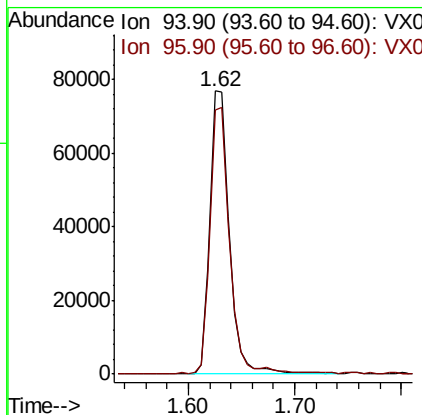
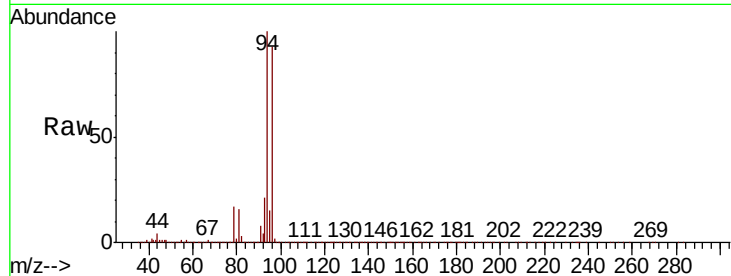
96 93.2 75.0 112.6

Manual Integrations

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#6

Chloroethane

Concen: 53.558 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX011901.D

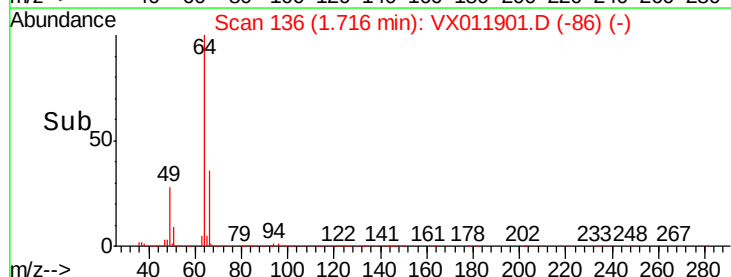
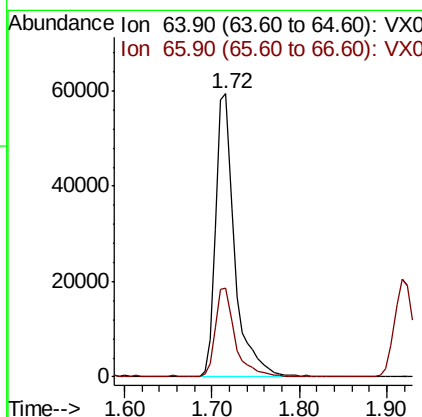
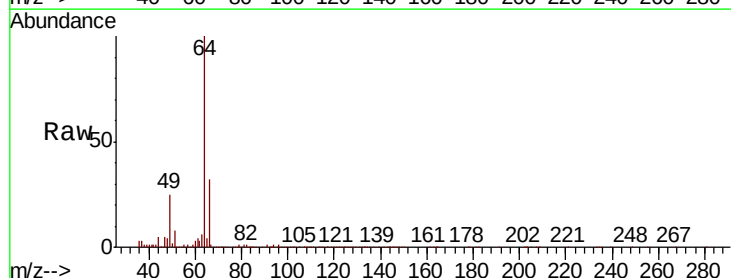
Acq: 30 Aug 2019 10:17

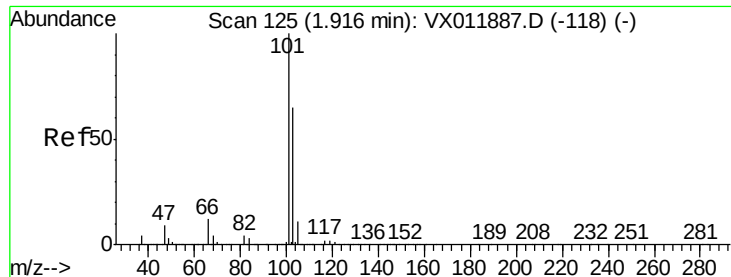
Tgt Ion: 64 Resp: 88097

Ion Ratio Lower Upper

64 100

66 31.4 25.0 37.4





#7

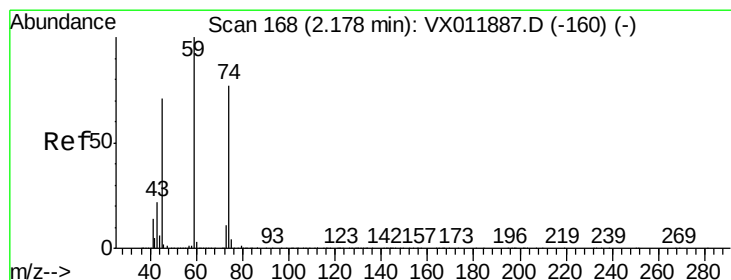
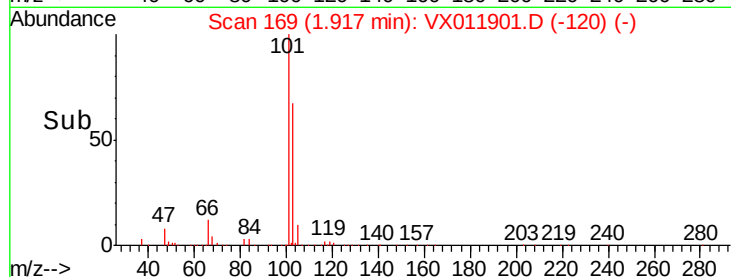
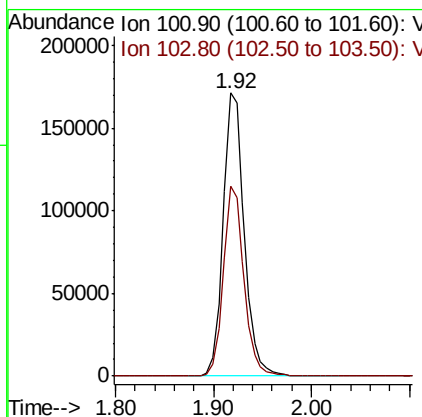
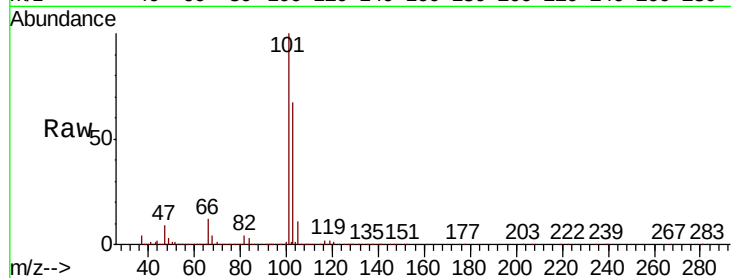
Trichlorofluoromethane
Concen: 55.547 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	51.6	77.4

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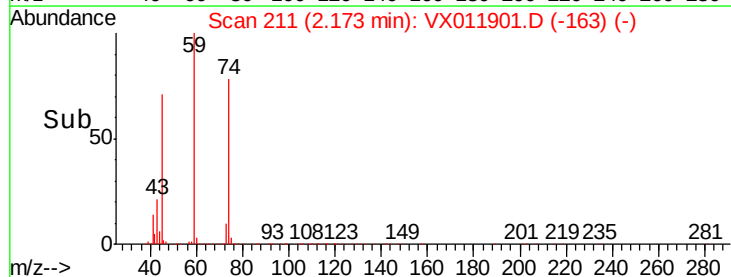
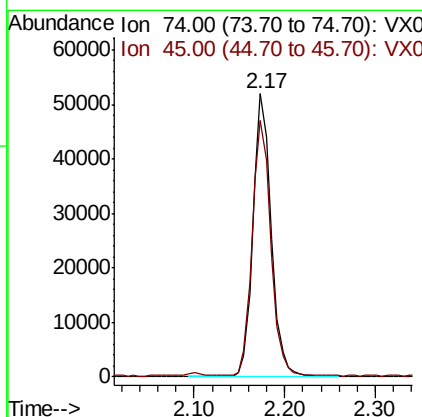
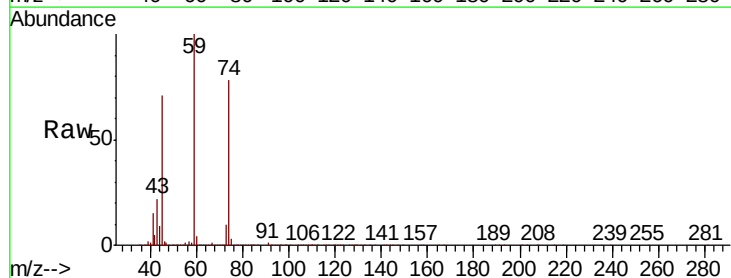
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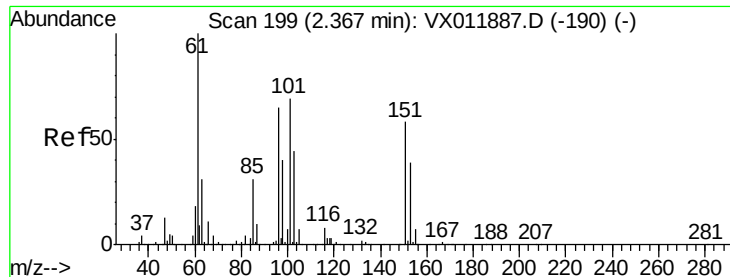


#8

Diethyl Ether
Concen: 45.935 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.9	46.7	140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.255 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

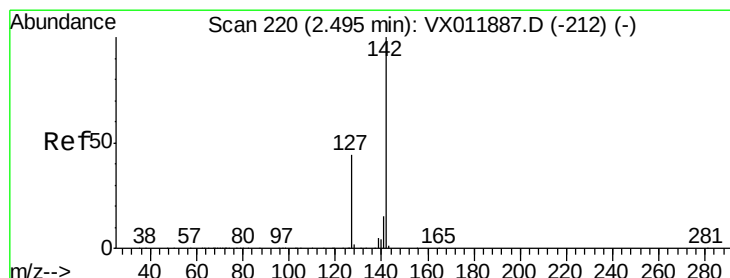
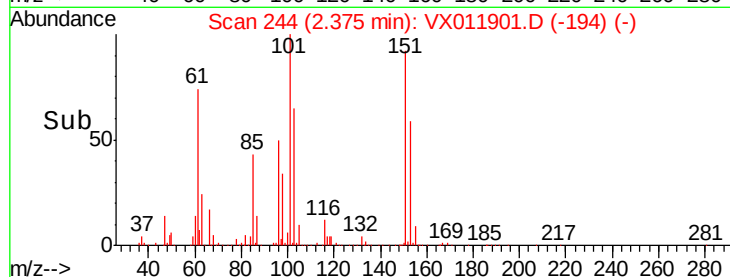
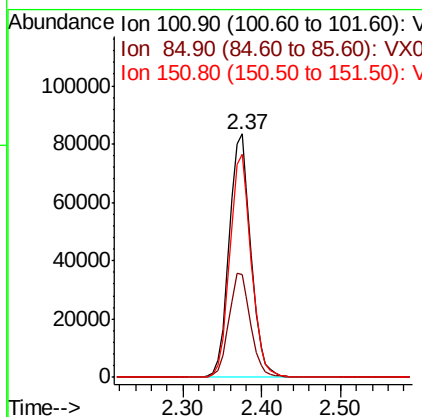
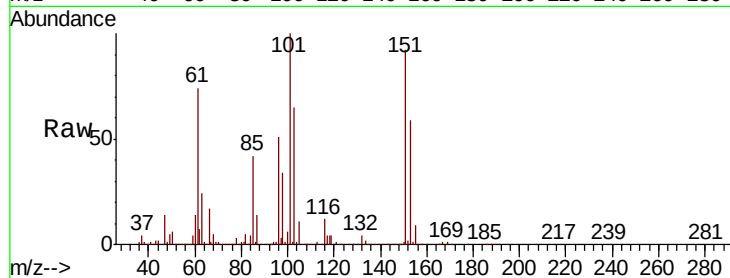
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	159316
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.9	52.3
151	90.6	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 51.221 ug/l

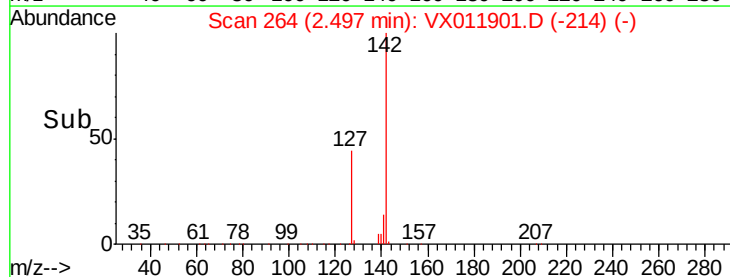
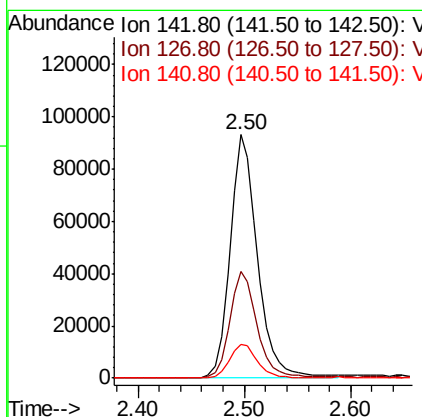
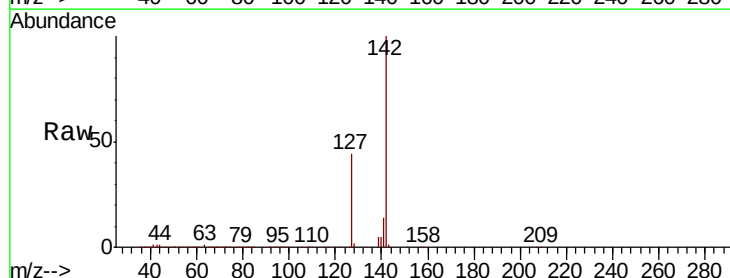
RT: 2.50 min Scan# 264

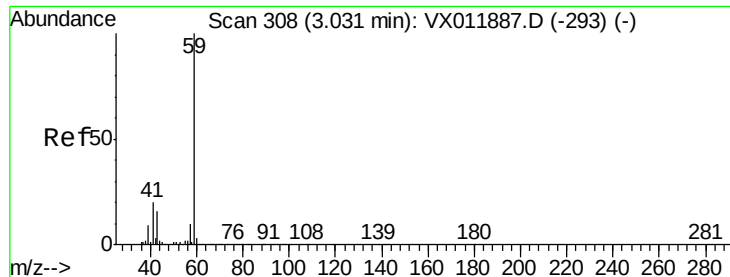
Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Tgt Ion:	142	Resp:	167611
Ion Ratio	Lower	Upper	
142	100		
127	43.8	35.7	53.5
141	14.3	11.8	17.6





#11

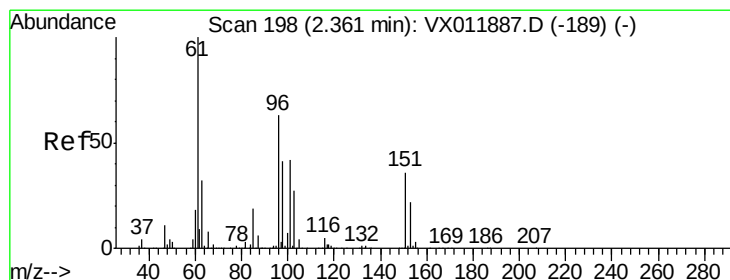
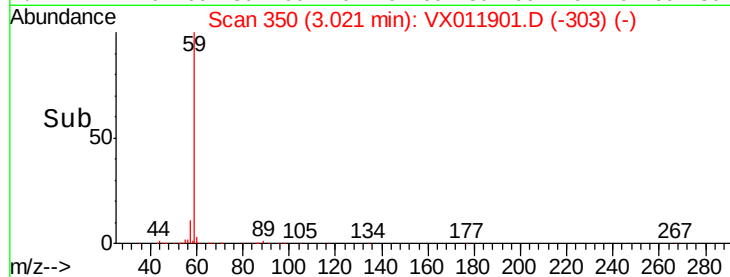
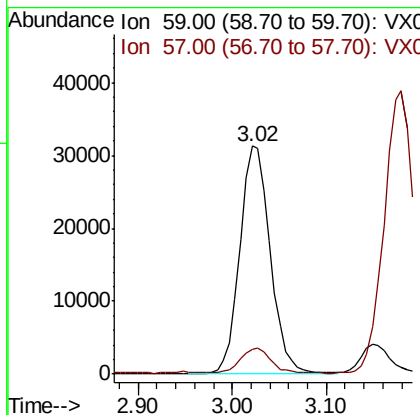
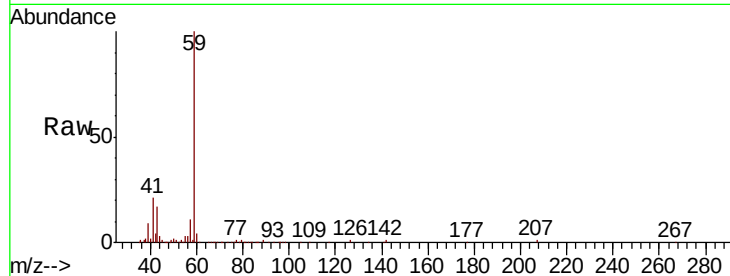
Tert butyl alcohol
 Concen: 195.129 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	59.00 (58.70 to 59.70): VX0	Resp	71152
Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.6	12.8

Manual Integrations
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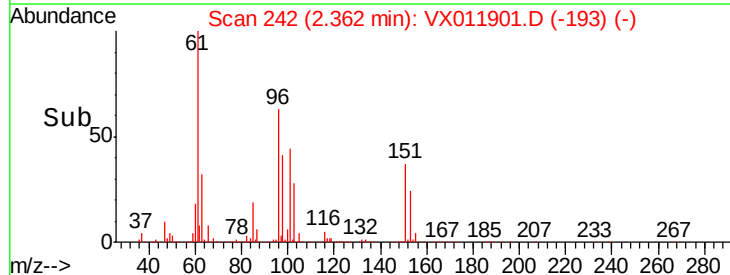
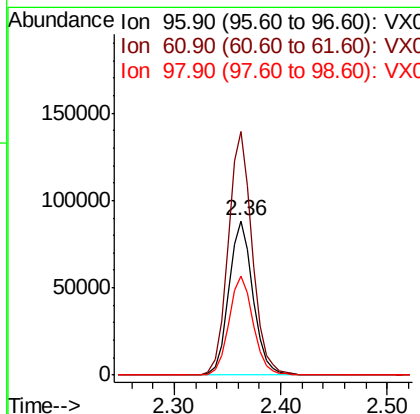
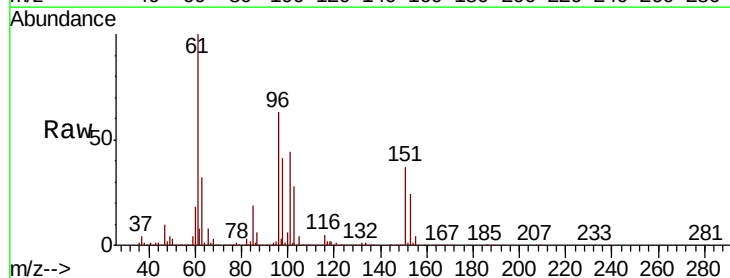
sam
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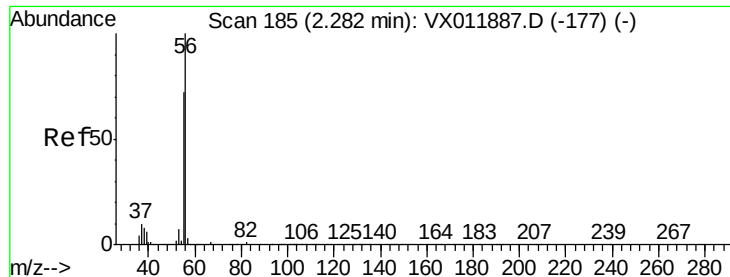


#12

1,1-Dichloroethene
 Concen: 50.281 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	96	Resp	139701
Ion	Ratio	Lower	Upper
96	100		
61	158.2	126.6	190.0
98	64.3	51.6	77.4





#13

Acrolein

Concen: 200.221 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 36338

Ion Ratio Lower Upper

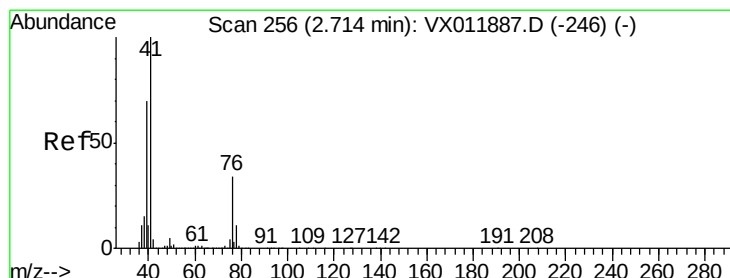
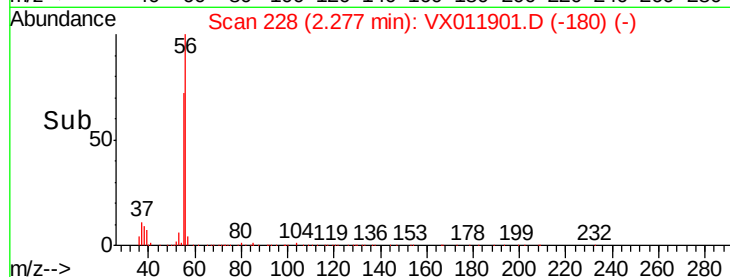
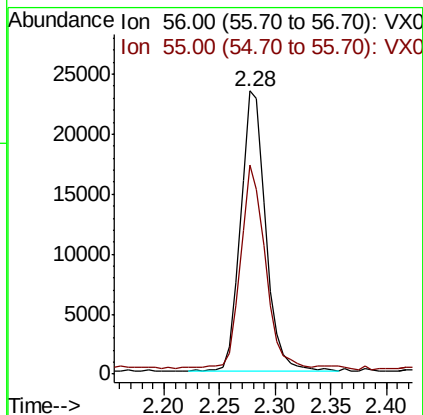
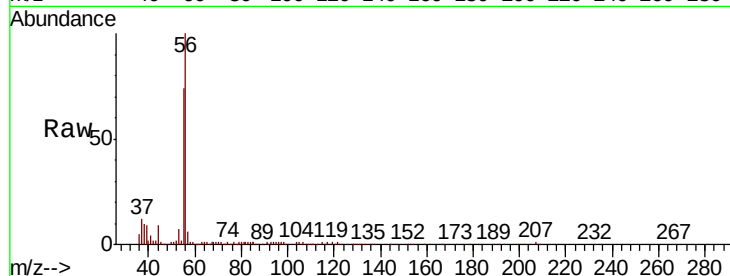
56 100

55 70.4 58.6 88.0

Manual Integrations
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#14

Allyl chloride

Concen: 51.024 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

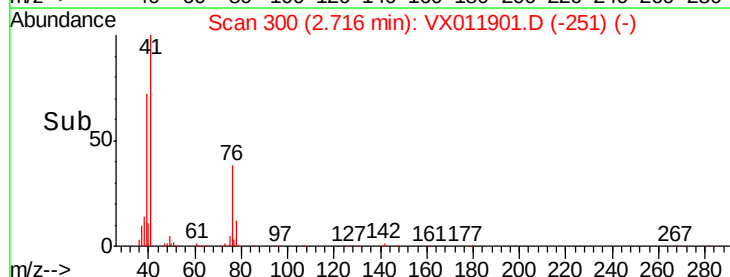
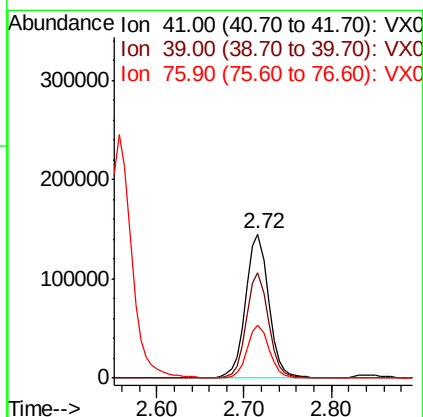
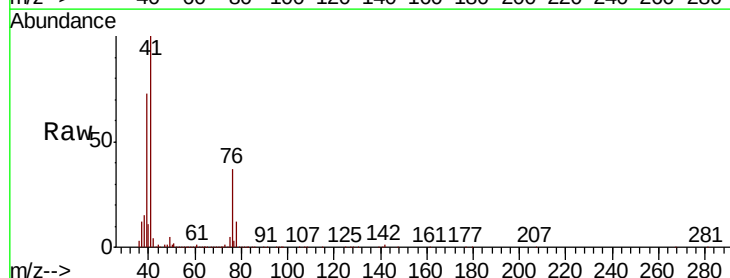
Tgt Ion: 41 Resp: 265931

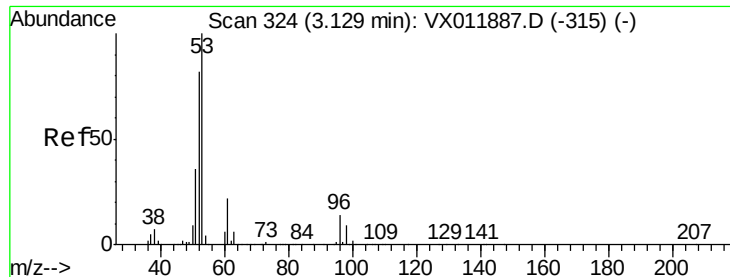
Ion Ratio Lower Upper

41 100

39 69.7 55.0 82.6

76 34.8 27.0 40.4





#15

Acrylonitrile

Concen: 219.211 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

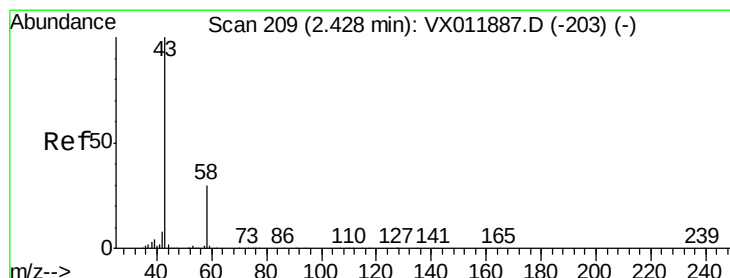
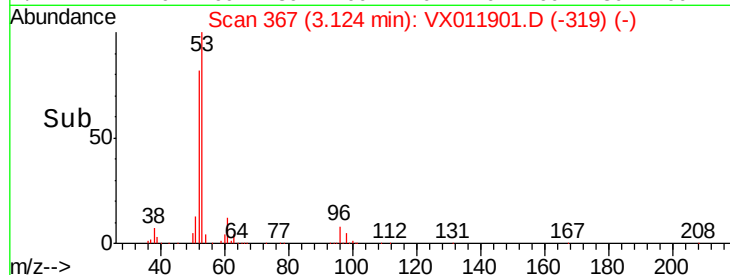
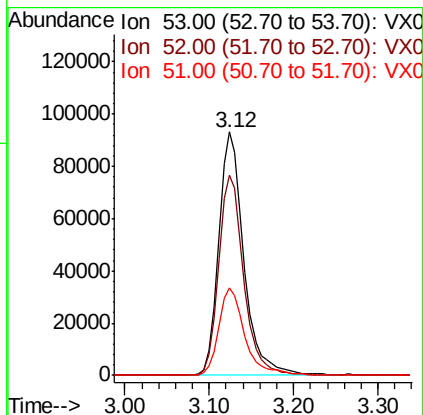
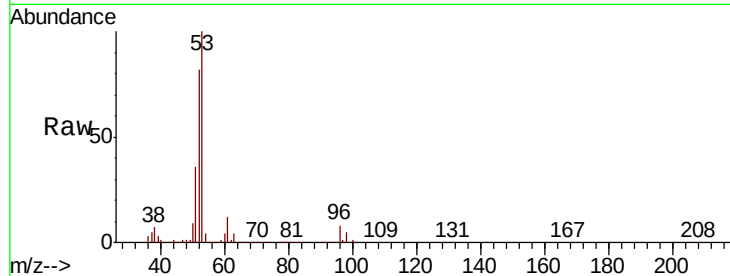
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	189940
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.3	97.9
51	37.4	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 296.403 ug/l

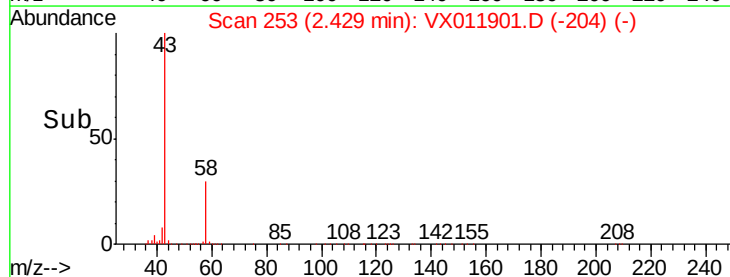
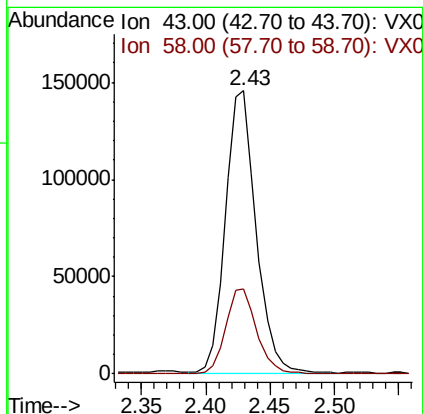
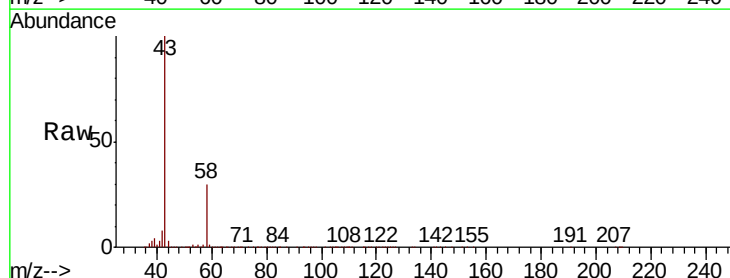
RT: 2.43 min Scan# 253

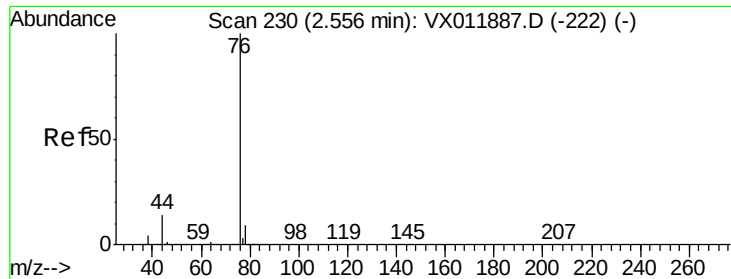
Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Tgt Ion:	43	Resp:	241712
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.8





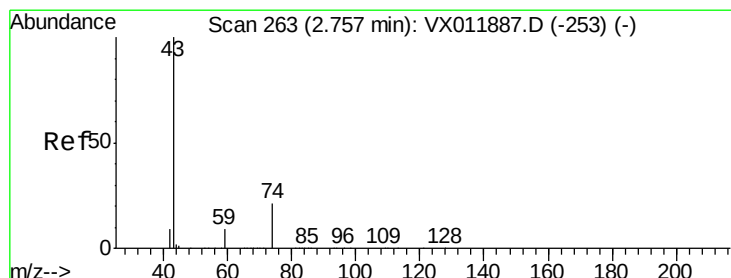
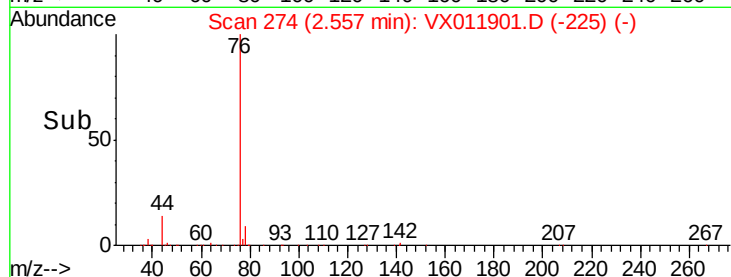
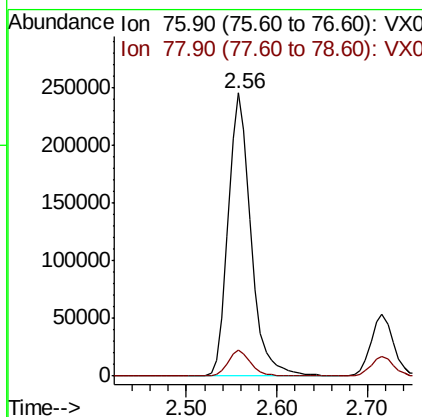
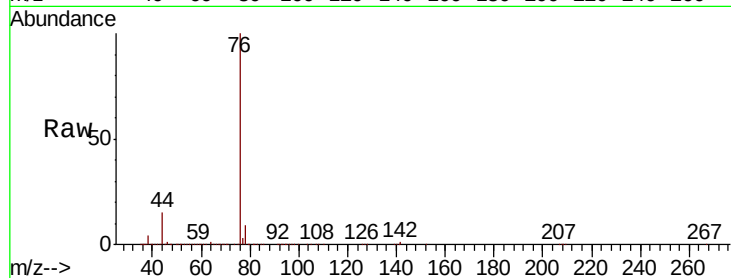
#17
Carbon Disulfide
Concen: 53.578 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

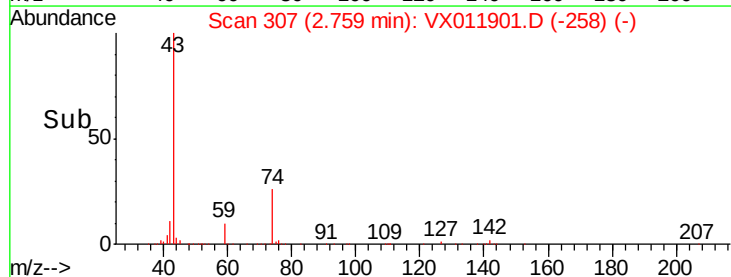
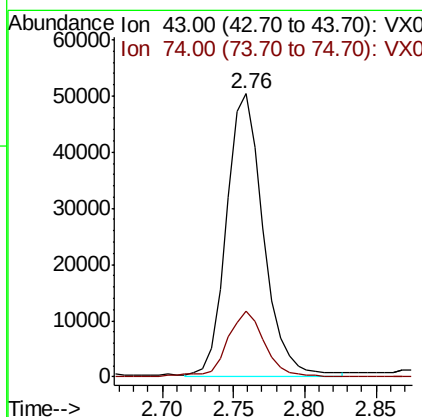
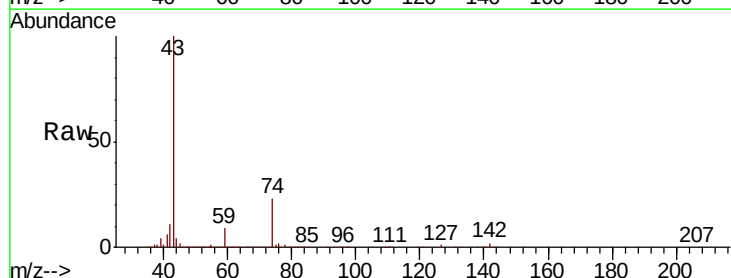
Manual Integrations
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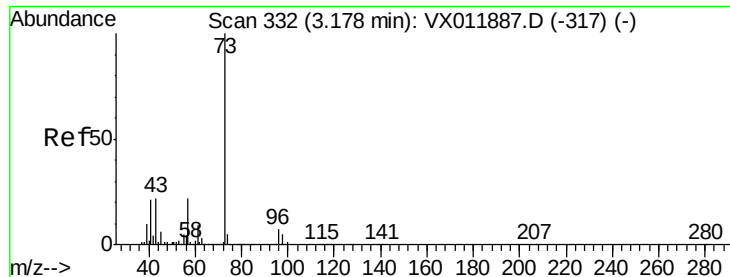
sam
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#18
Methyl Acetate
Concen: 40.554 ug/l m
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.4	27.6





#19

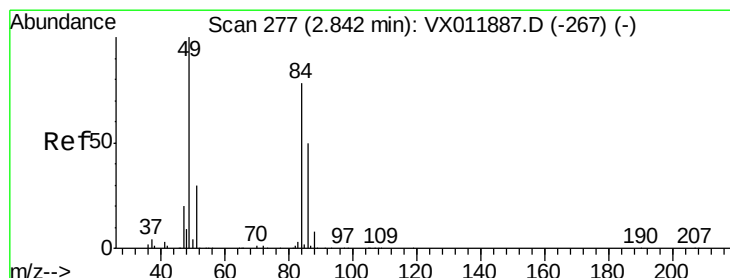
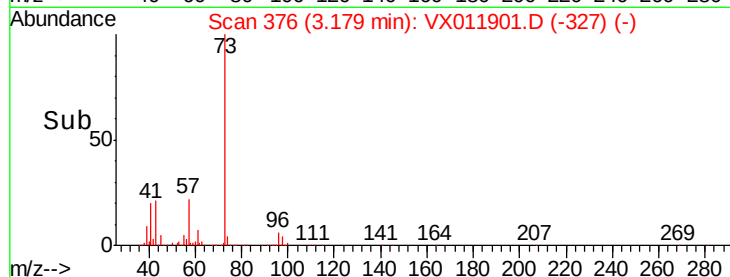
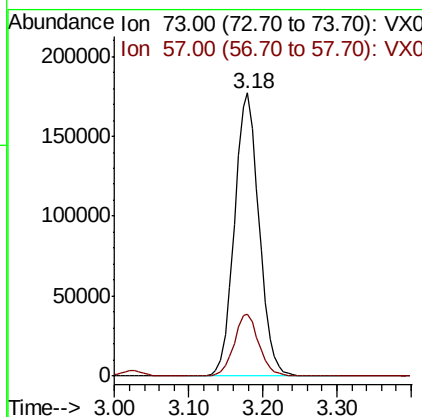
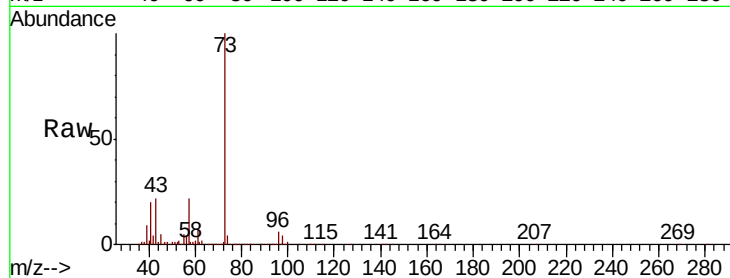
Methyl tert-butyl Ether
 Concen: 45.592 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.0

Manual Integrations
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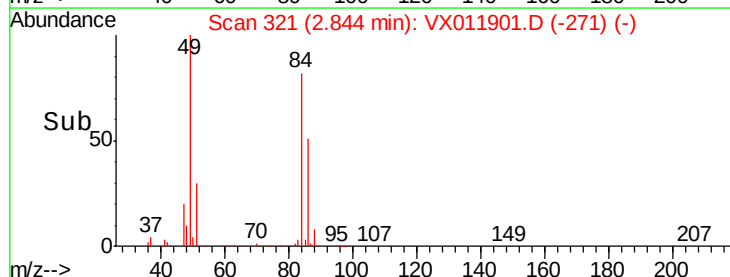
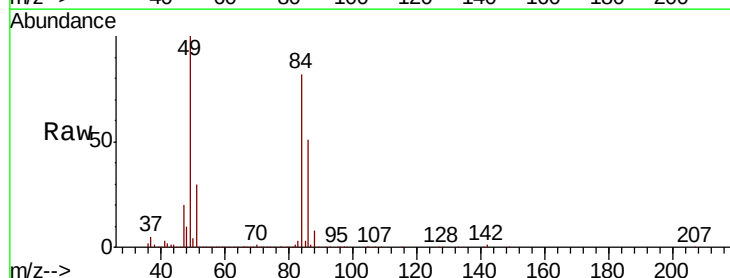
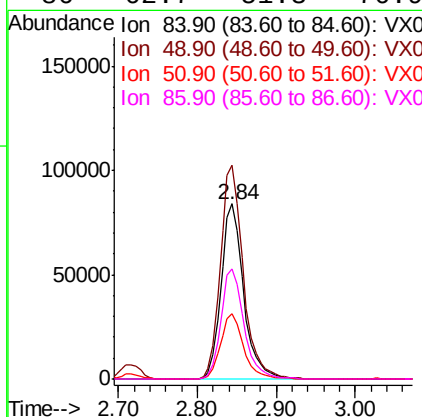
sam
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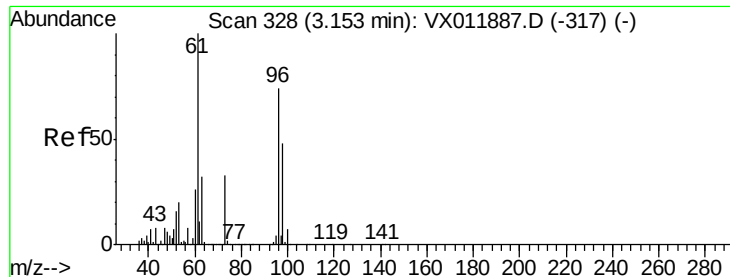


#20

Methylene Chloride
 Concen: 47.487 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	103.0	154.4
51	37.1	30.8	46.2
86	62.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 52.277 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

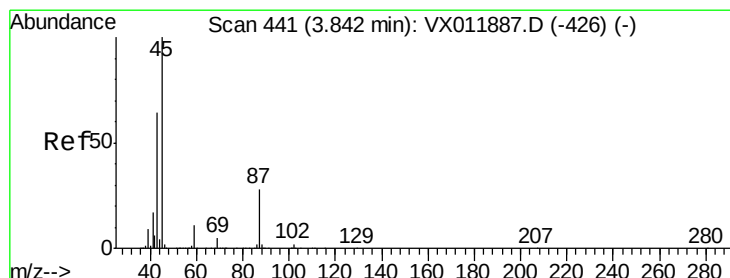
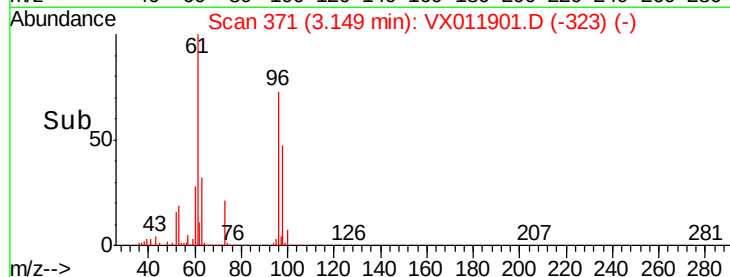
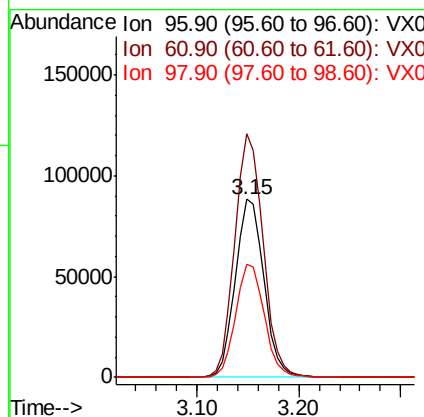
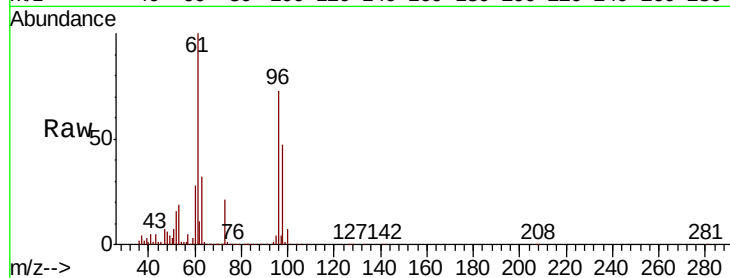
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	171096
Ion	Ratio	Lower	Upper
96	100		
61	137.0	107.4	161.2
98	64.0	51.4	77.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.836 ug/l

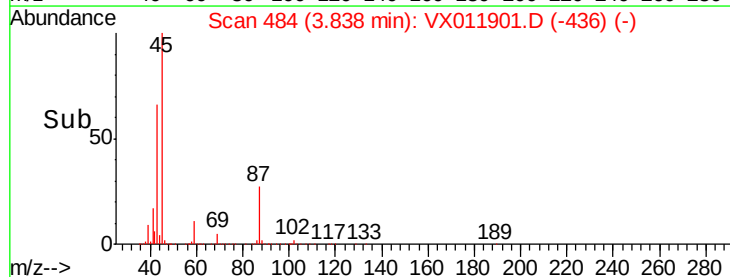
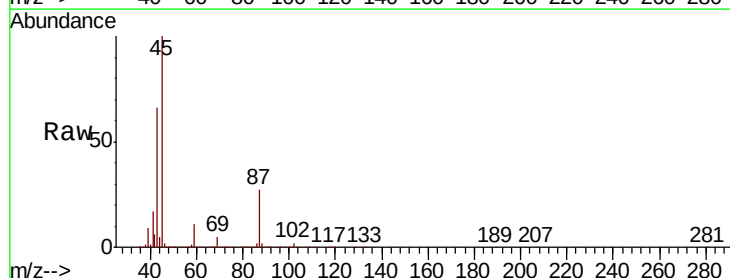
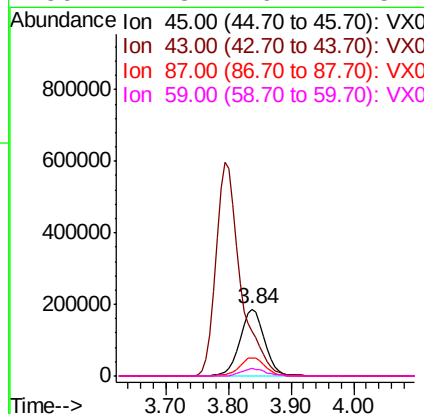
RT: 3.84 min Scan# 484

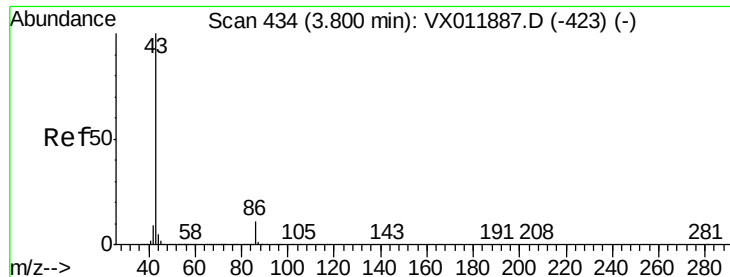
Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Tgt Ion:	45	Resp:	508979
Ion	Ratio	Lower	Upper
45	100		
43	66.0	51.0	76.6
87	27.3	22.0	33.0
59	11.3	9.1	13.7





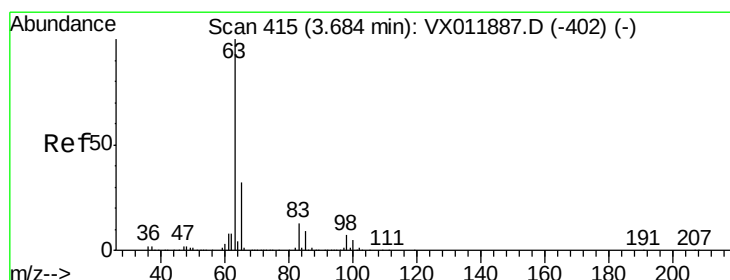
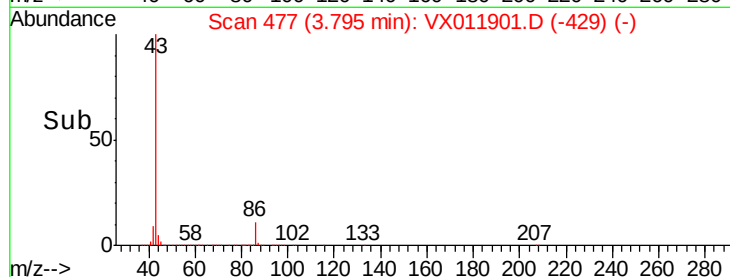
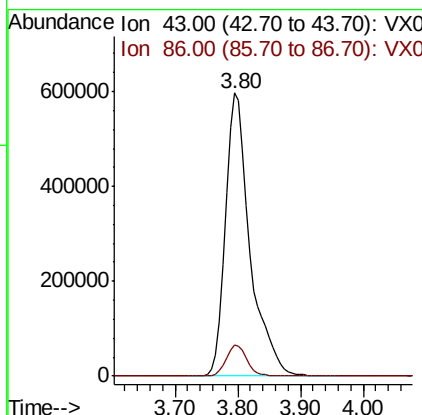
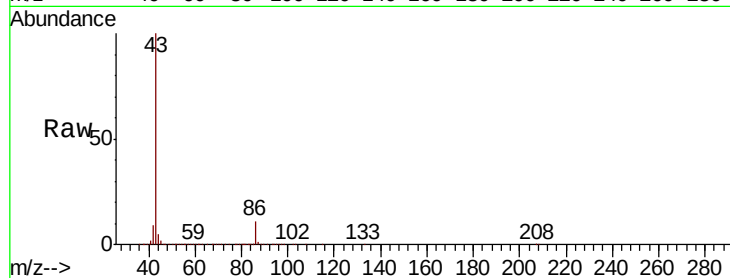
#23
 Vinyl Acetate
 Concen: 236.436 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1617405
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8

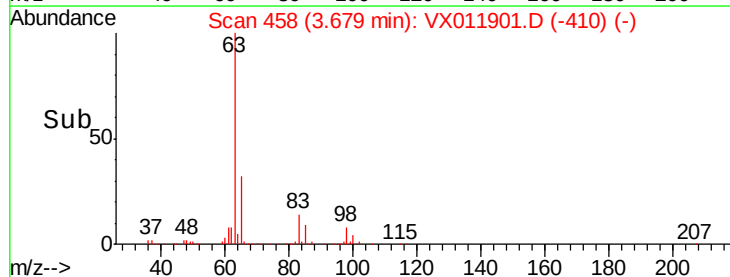
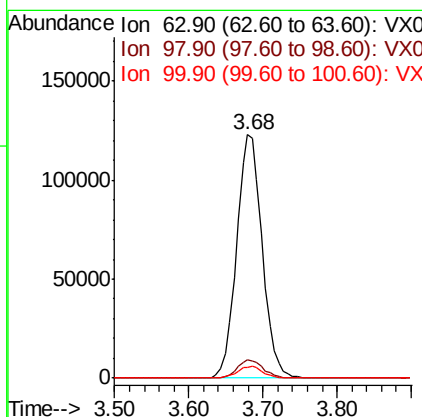
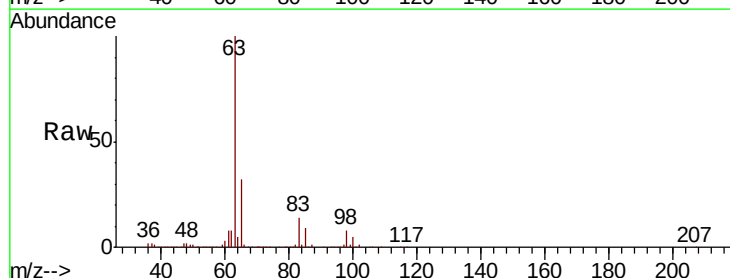
Manual Integrations
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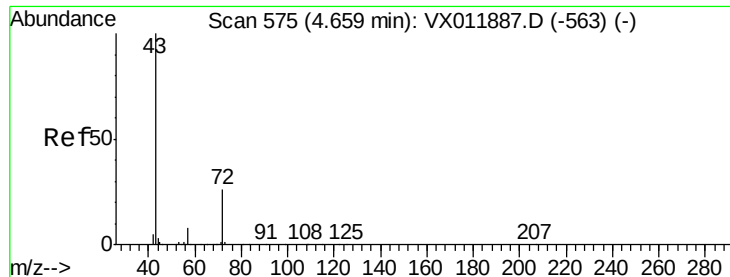
sam
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#24
 1,1-Dichloroethane
 Concen: 50.359 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion: 63 Resp: 295479
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 244.721 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Tot Ion: 43 Resp: 290661

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

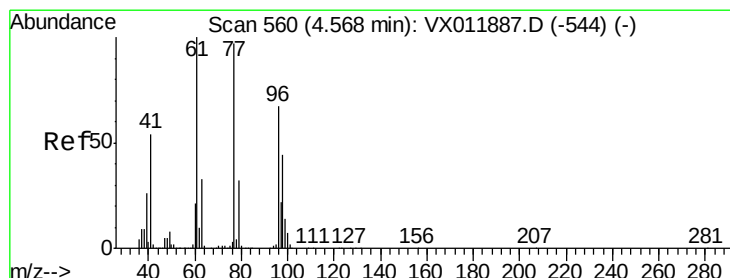
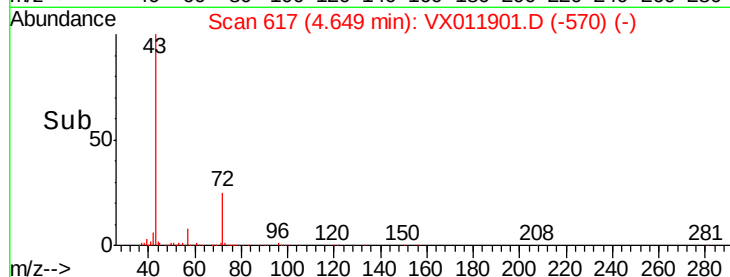
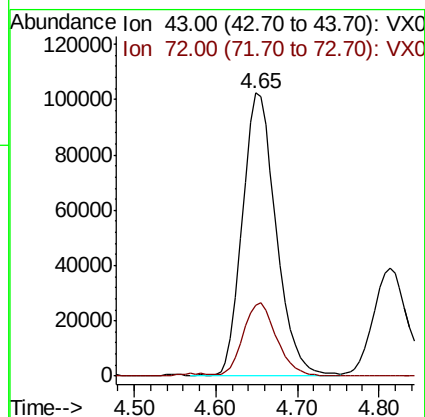
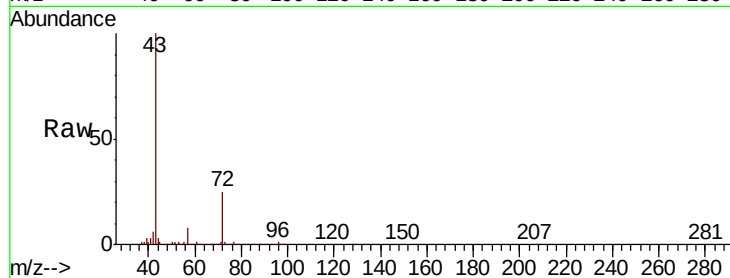
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 59.532 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX011901.D

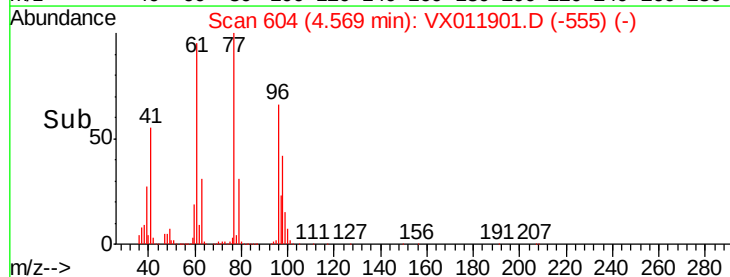
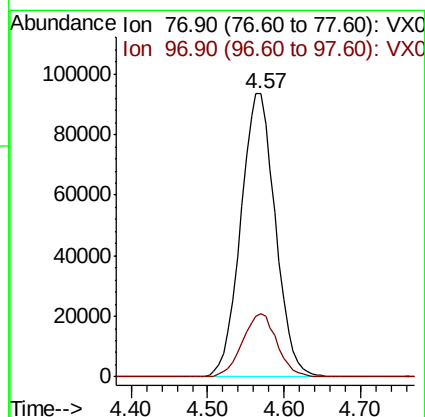
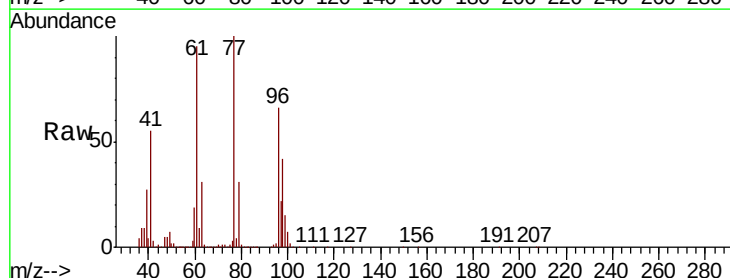
Acq: 30 Aug 2019 10:17

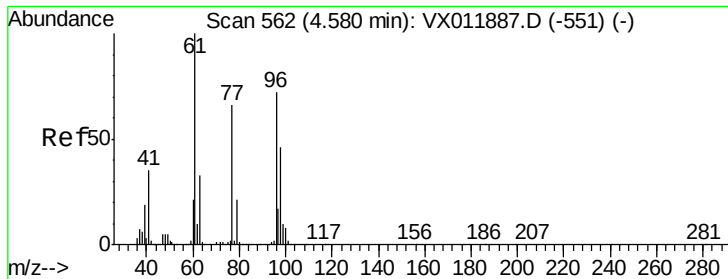
Tgt Ion: 77 Resp: 292967

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.1





#27

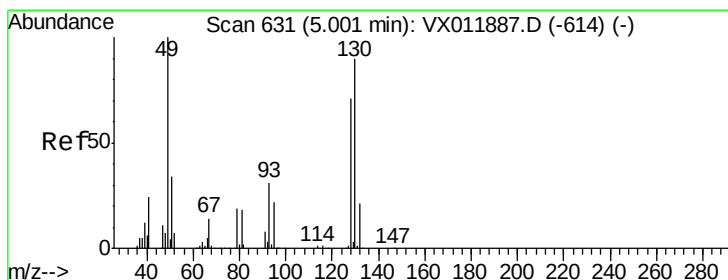
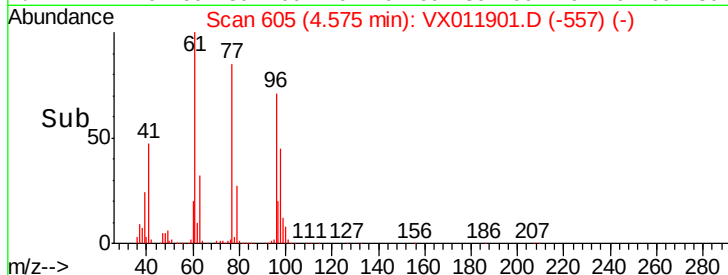
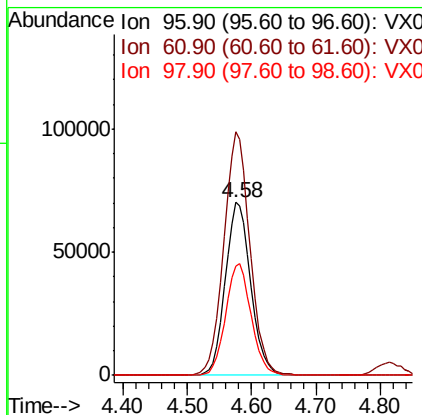
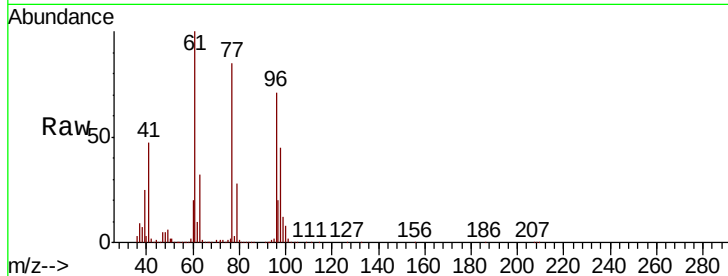
cis-1,2-Dichloroethene
 Concen: 50.681 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	195381		
61	144.6	0.0	283.8	
98	65.0	0.0	131.2	

Manual Integrations
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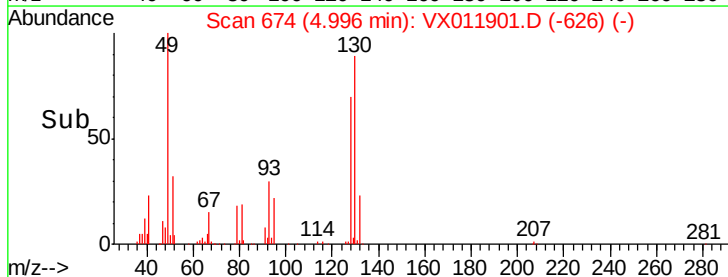
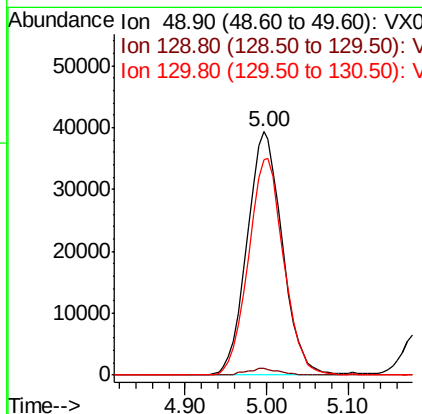
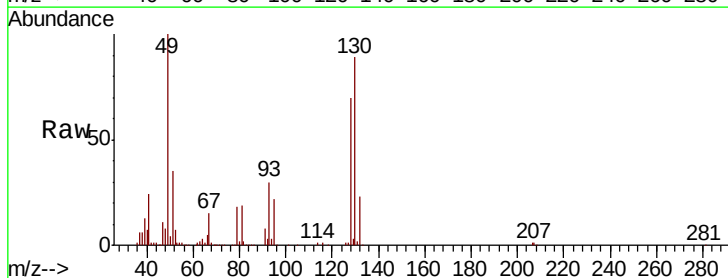
sam
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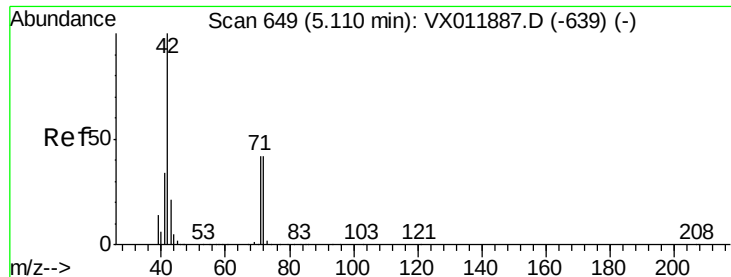


#28

Bromochloromethane
 Concen: 45.001 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	118479		
129	2.6	0.0	4.8	
130	89.1	70.6	105.8	





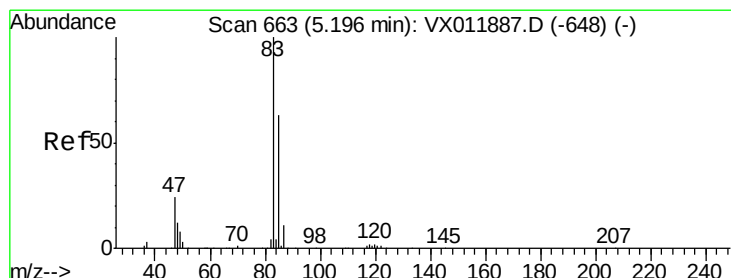
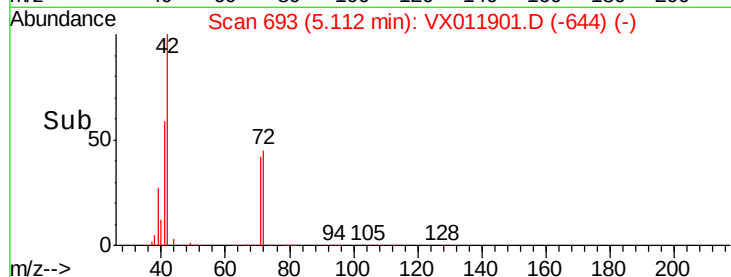
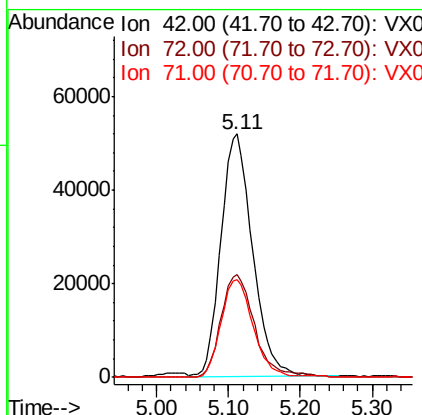
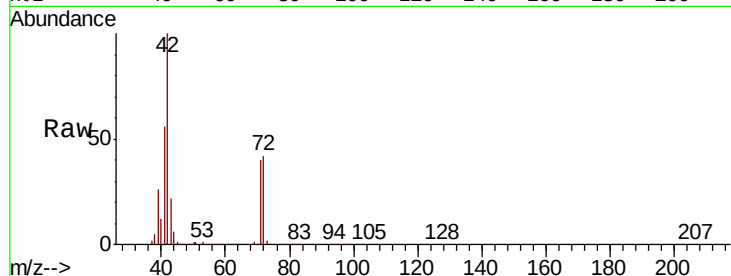
#29
Tetrahydrofuran
Concen: 213.326 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.2	54.4
71	40.5	33.1	49.7

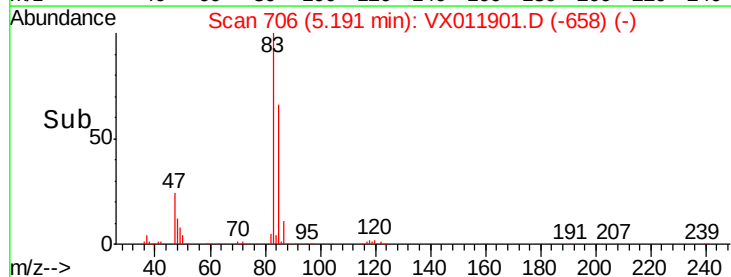
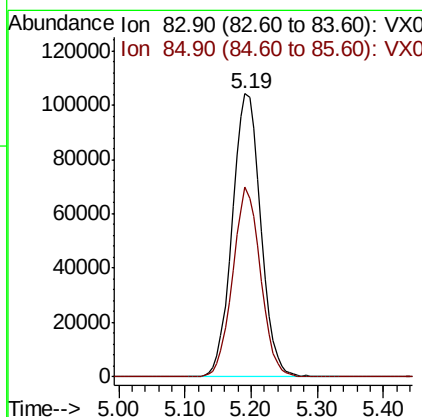
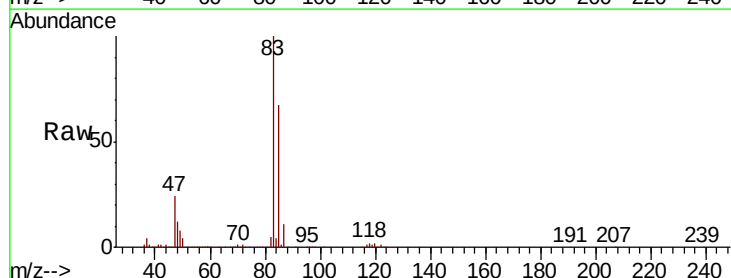
Manual Integrations
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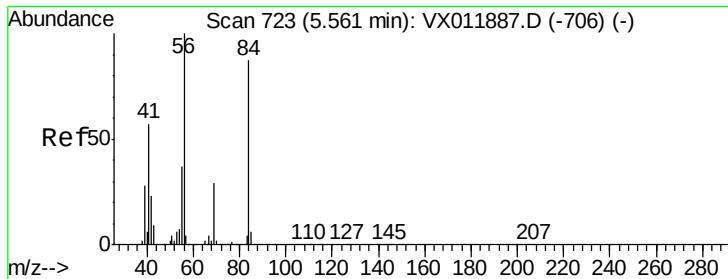
sam
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#30
Chloroform
Concen: 49.620 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.6	75.8





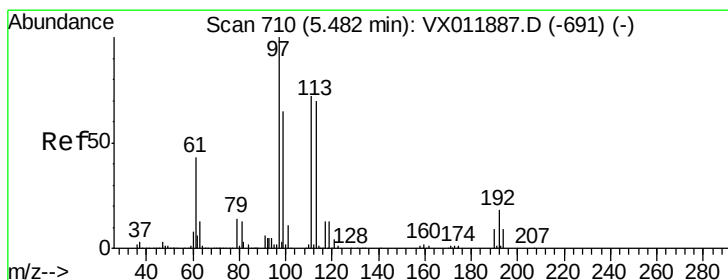
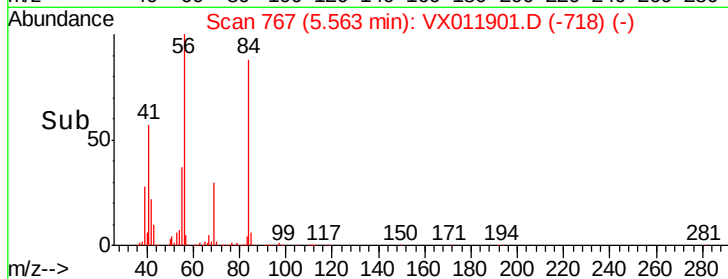
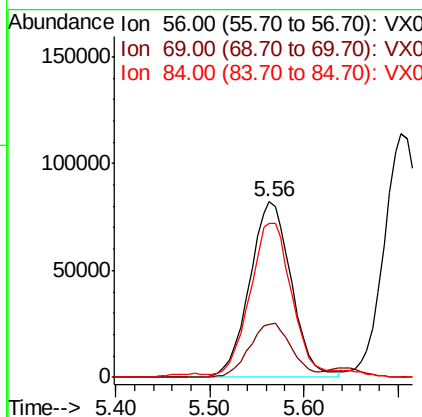
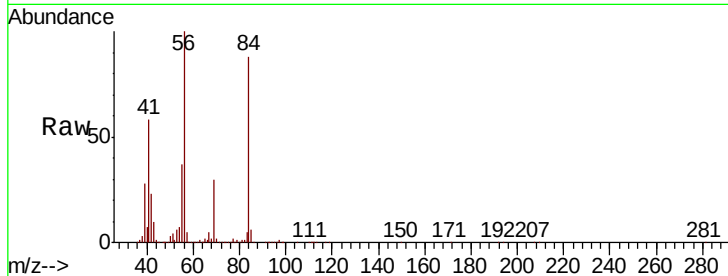
#31
Cyclohexane
Concen: 53.357 ug/l
RT: 5.56 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.1	34.7
84	86.3	69.6	104.4

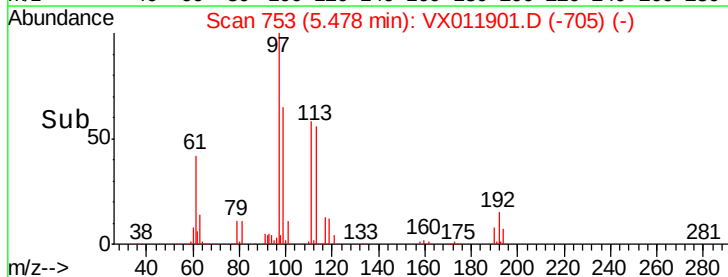
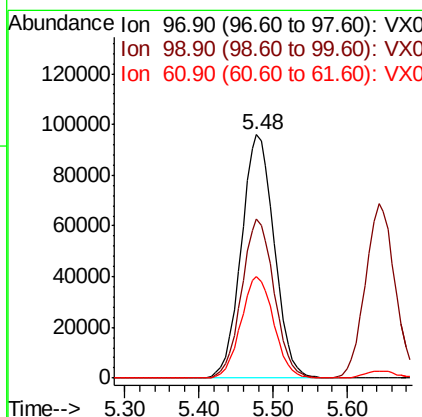
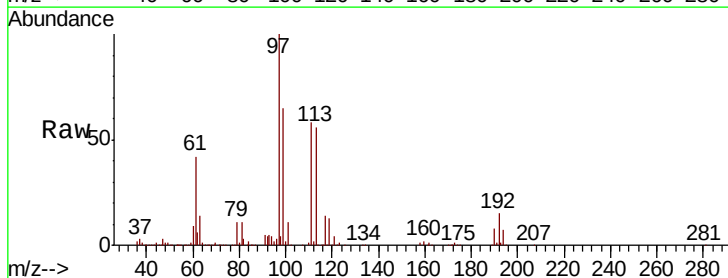
Manual Integrations
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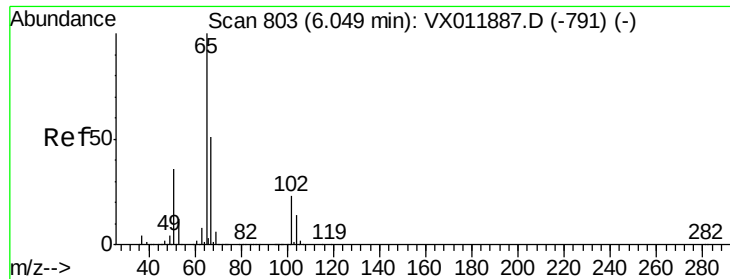
sam
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#32
1,1,1-Trichloroethane
Concen: 53.233 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.8
61	42.0	33.8	50.6





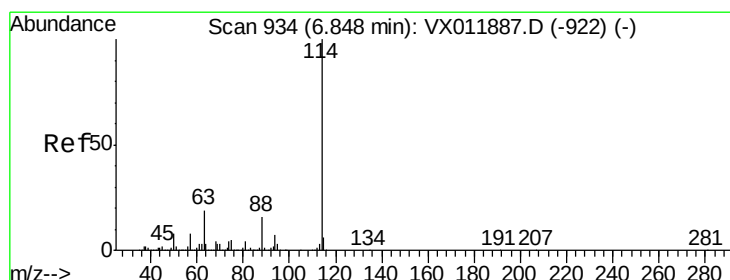
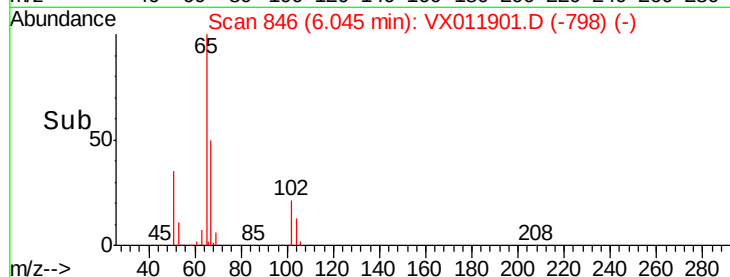
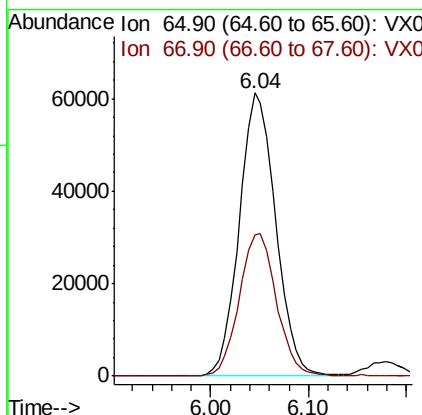
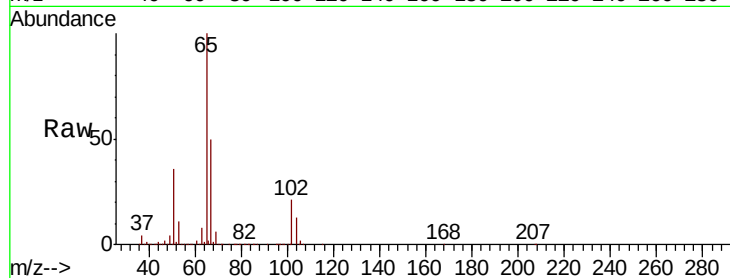
#33
 1,2-Dichloroethane-d4
 Concen: 41.766 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158300		
67	51.2	0.0	102.2	

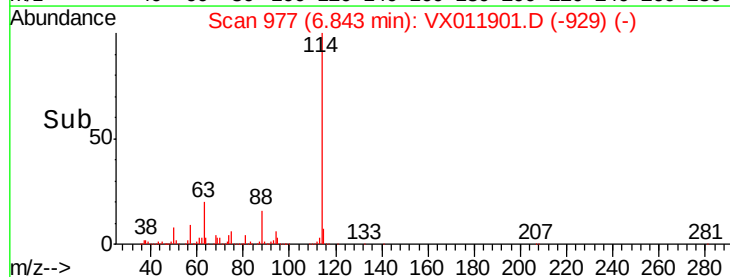
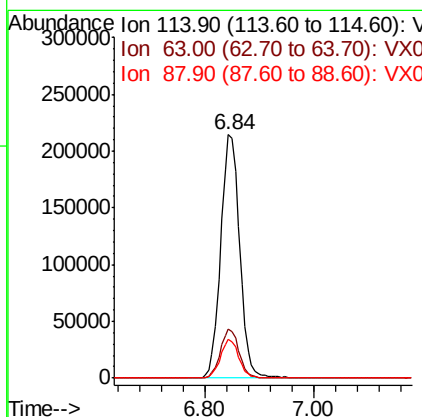
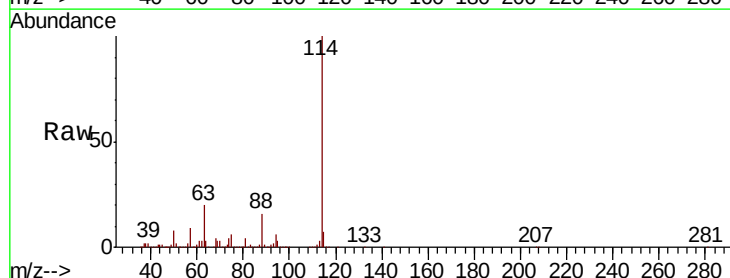
Manual Integrations
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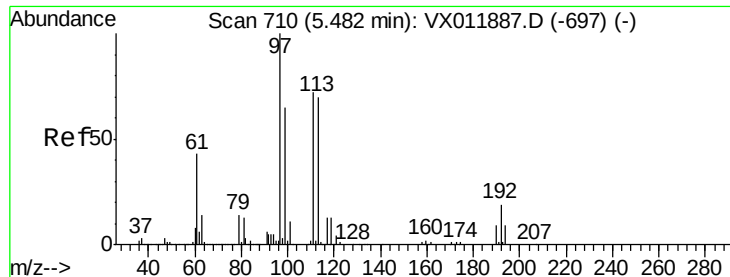
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	519492		
63	20.1	0.0	38.8	
88	16.1	0.0	31.2	





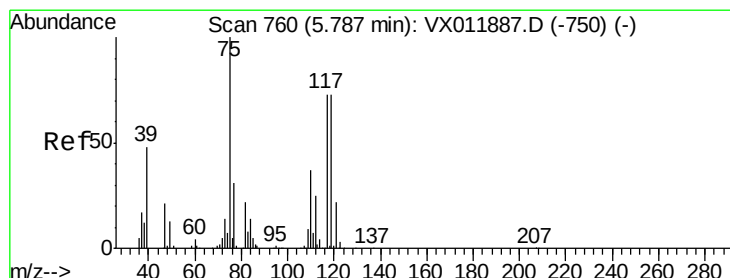
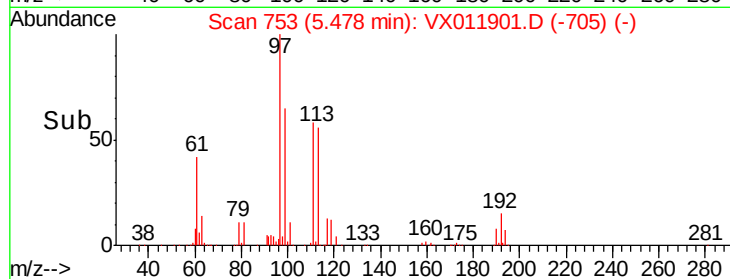
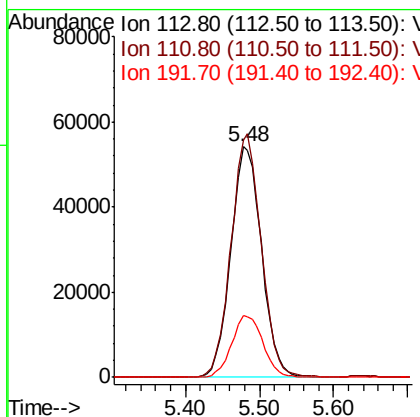
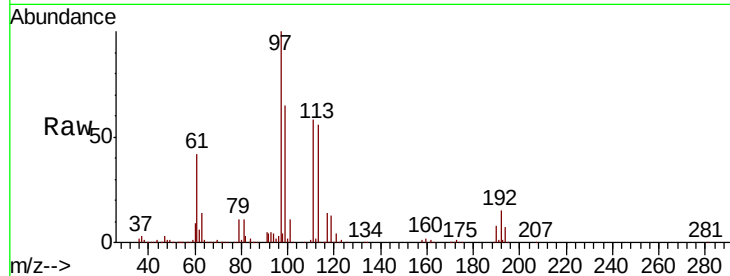
#35
 Dibromofluoromethane
 Concen: 47.182 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157172		
111	103.3	82.1	123.1	
192	27.2	21.5	32.3	

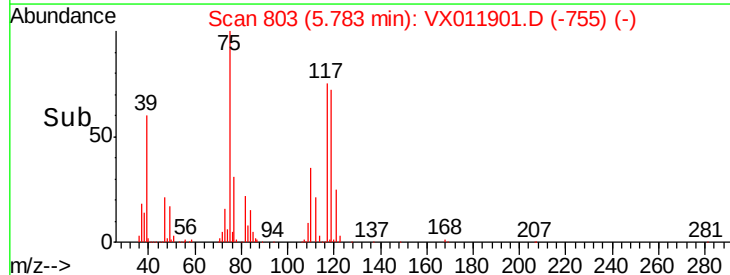
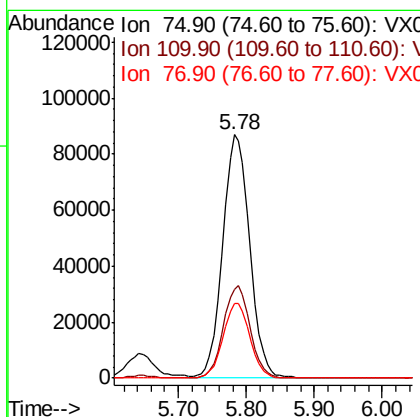
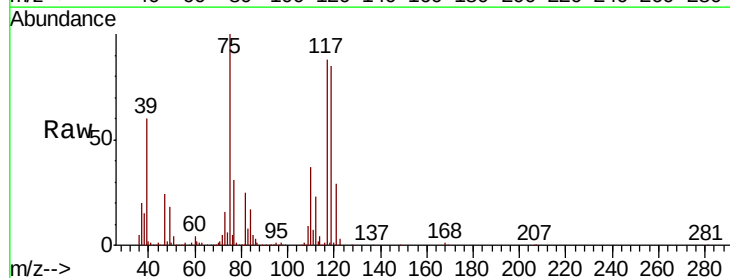
Manual Integrations
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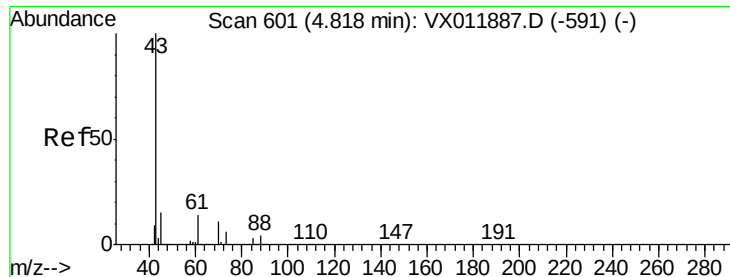
sam
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#36
 1,1-Dichloropropene
 Concen: 57.798 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	237876		
110	37.8	19.1	57.3	
77	30.8	24.4	36.6	





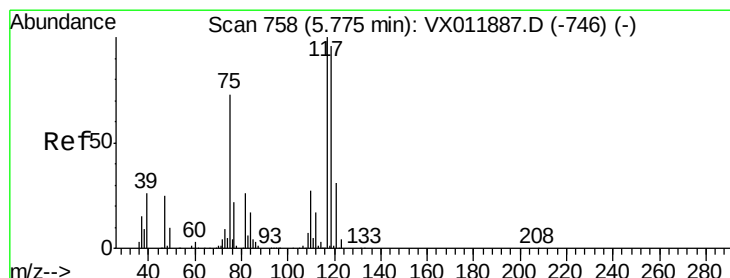
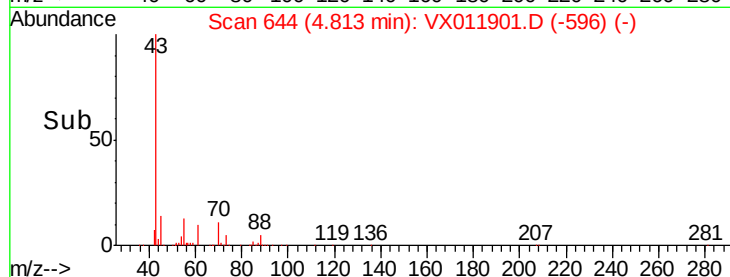
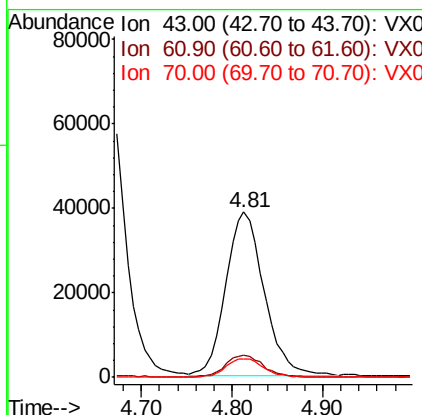
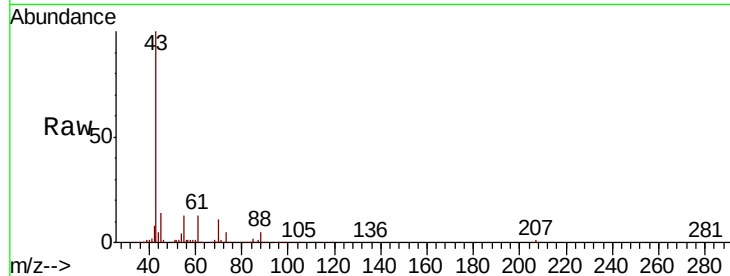
#37
Ethyl Acetate
Concen: 46.445 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	113149
Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.0	16.4
70	11.3	9.2	13.8

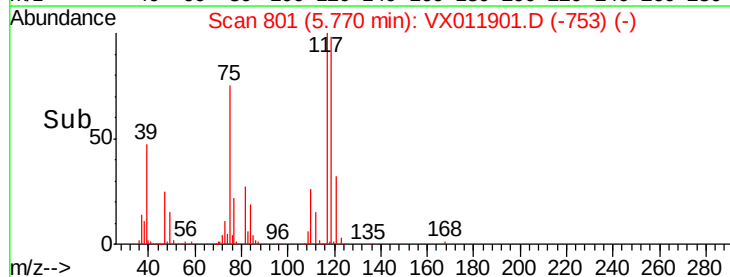
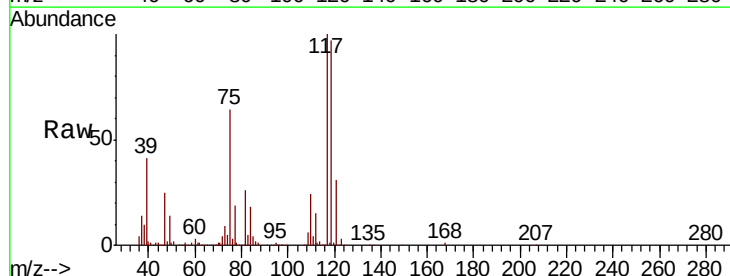
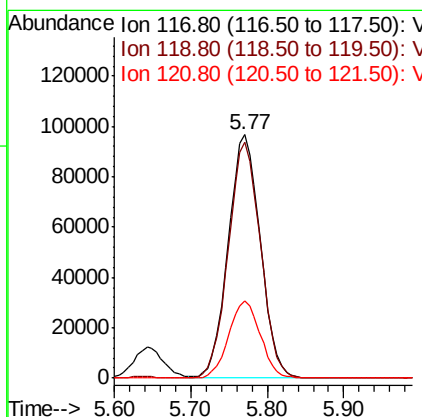
Manual Integrations
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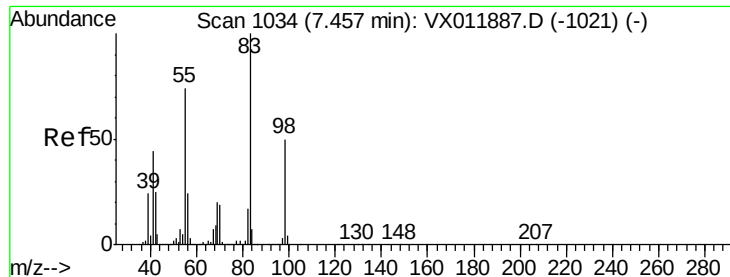
sam
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#38
Carbon Tetrachloride
Concen: 58.709 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion:	117	Resp:	280229
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	114.8
121	31.5	24.7	37.1





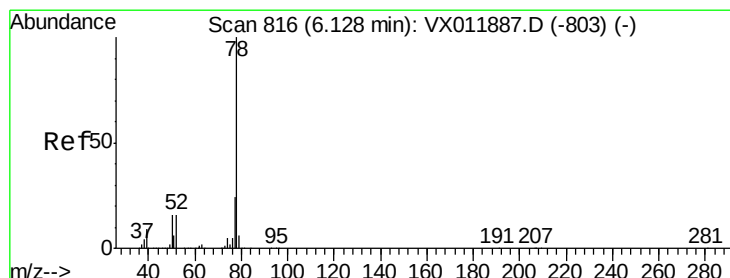
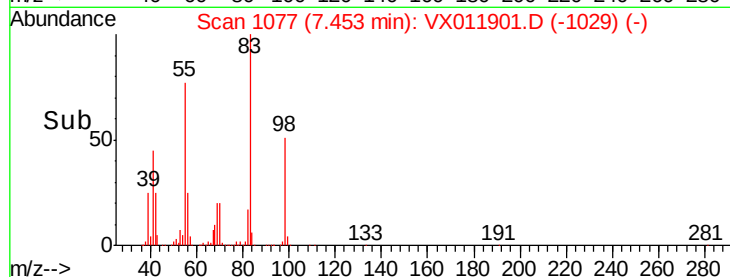
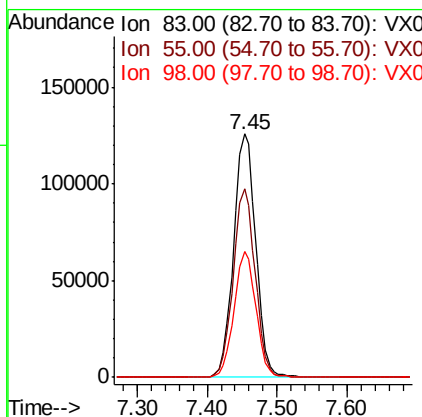
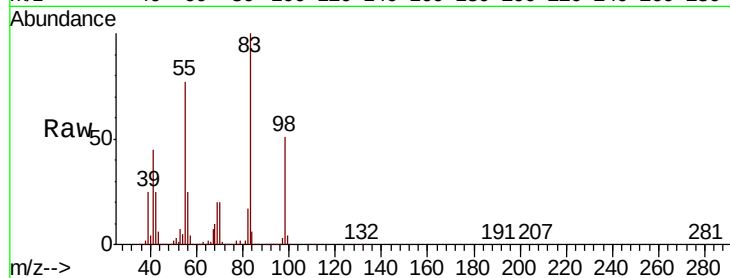
#39
Methylvlcyclohexane
Concen: 56.493 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	59.4	89.0
98	51.4	40.3	60.5

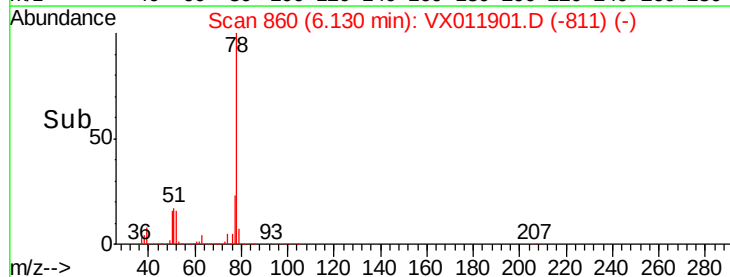
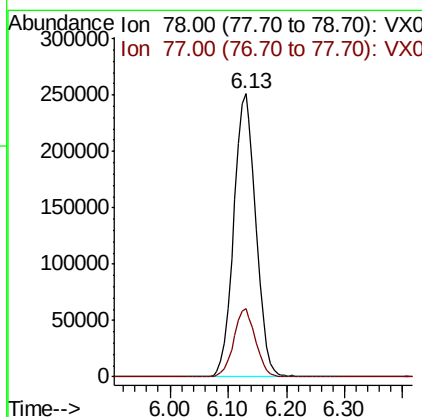
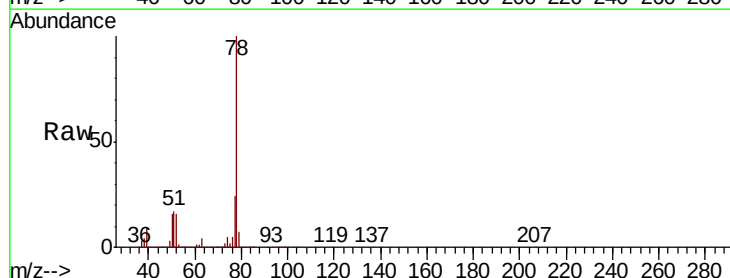
Manual Integrations
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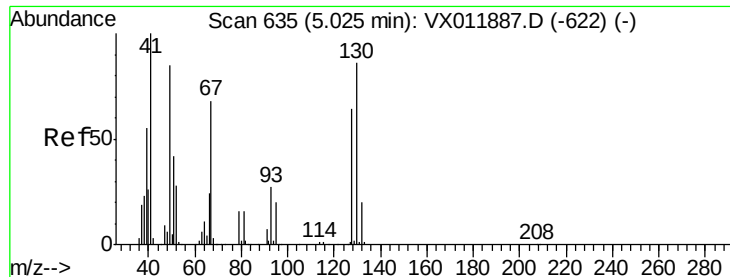
sam
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#40
Benzene
Concen: 53.975 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





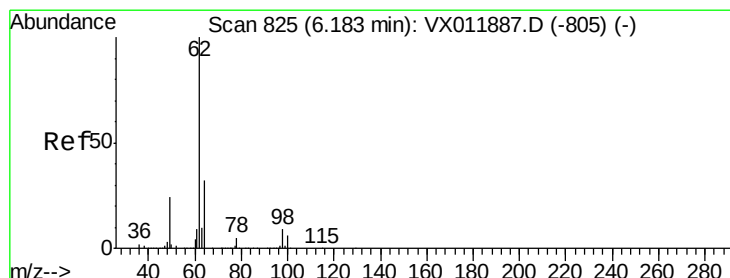
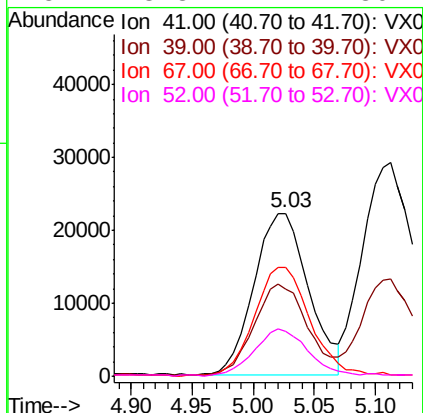
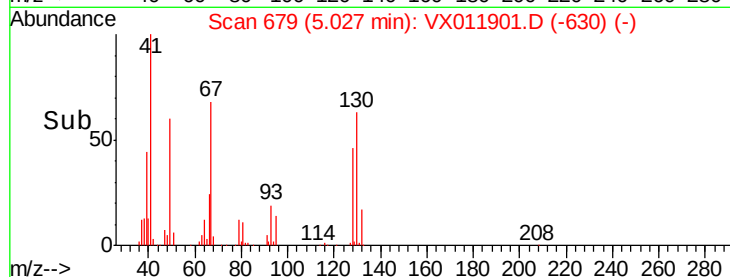
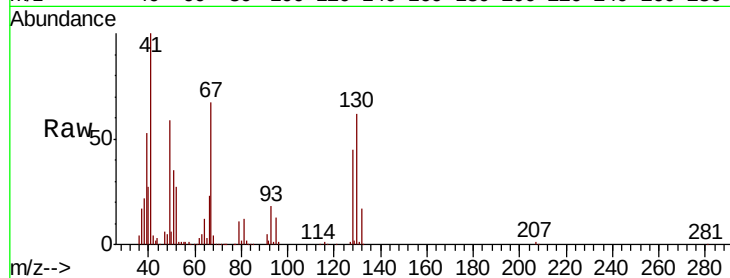
#41
Methacrylonitrile
Concen: 47.825 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	45.0	67.6	
67	70.2	55.0	82.4	
52	28.3	24.1	36.1	

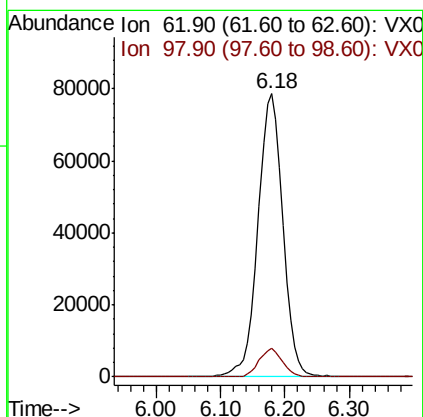
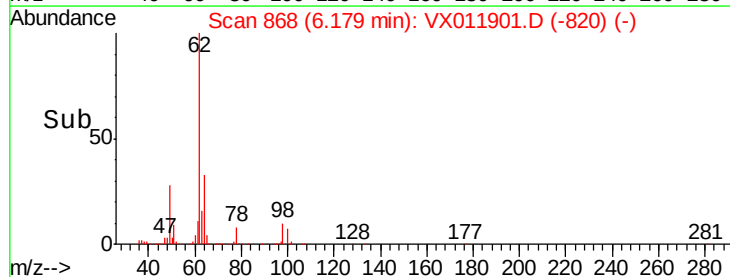
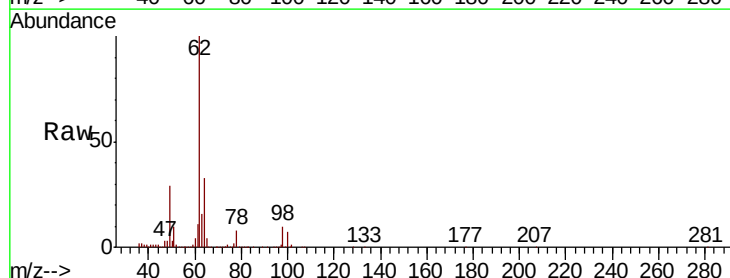
Manual Integrations
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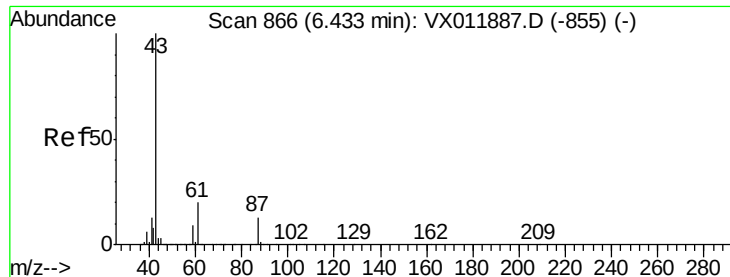
sam
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#42
1,2-Dichloroethane
Concen: 50.271 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	19.2	





#43

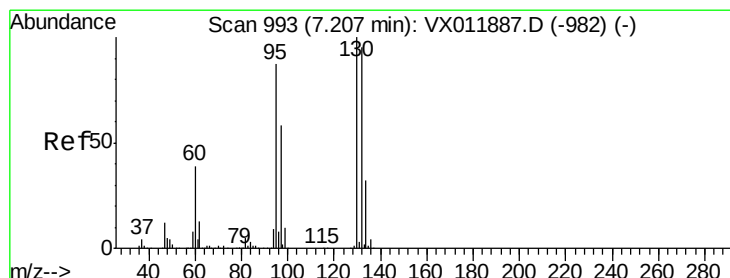
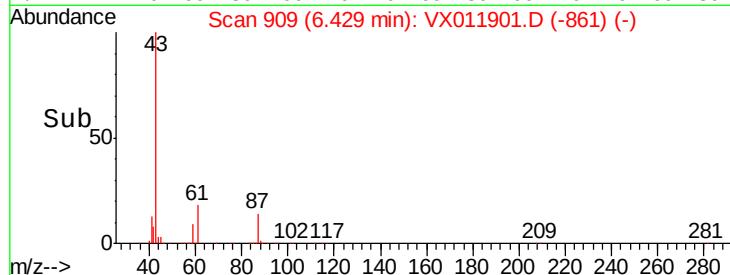
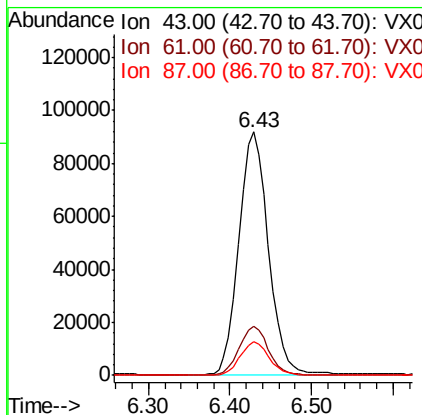
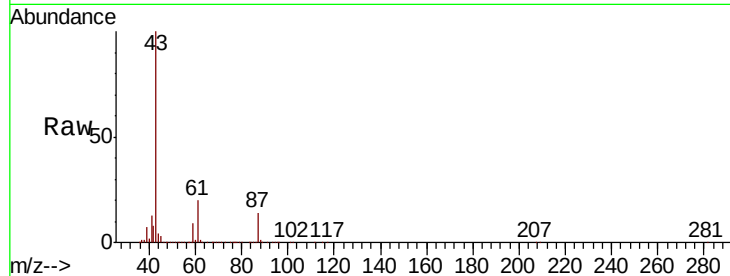
Isopropyl Acetate
 Concen: 46.570 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.1	24.1
87	13.7	10.6	16.0

Manual Integrations
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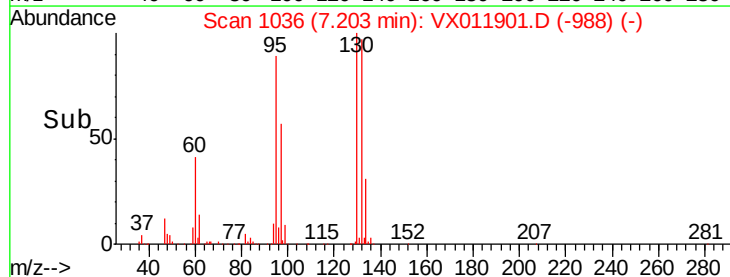
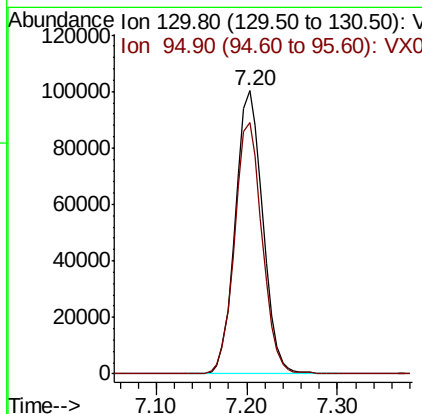
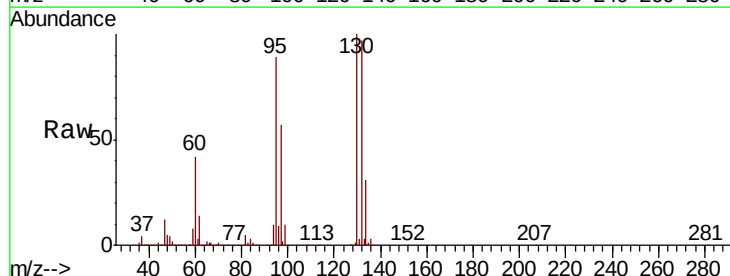
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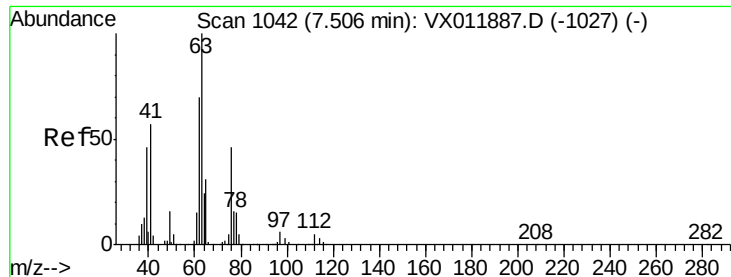


#44

Trichloroethene
 Concen: 55.892 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	174.6





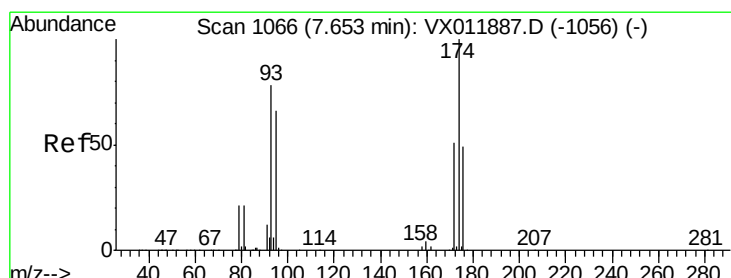
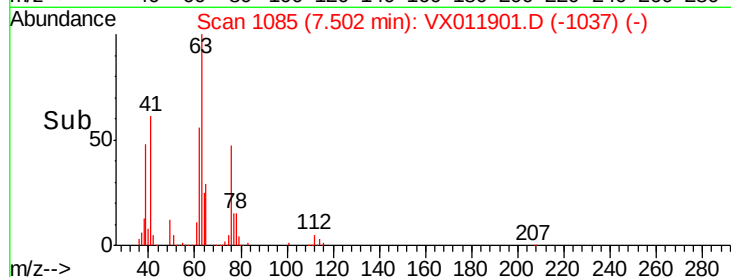
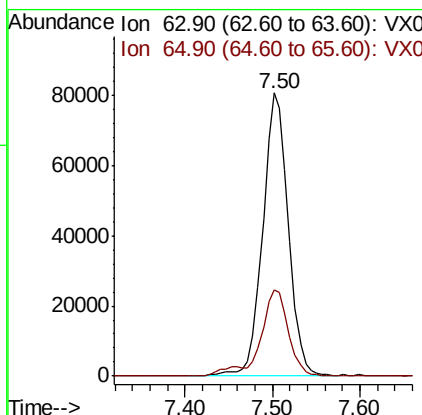
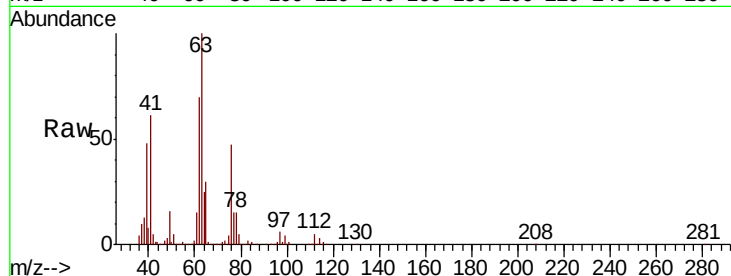
#45
 1,2-Dichloropropane
 Concen: 51.327 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 164936
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.1 37.7

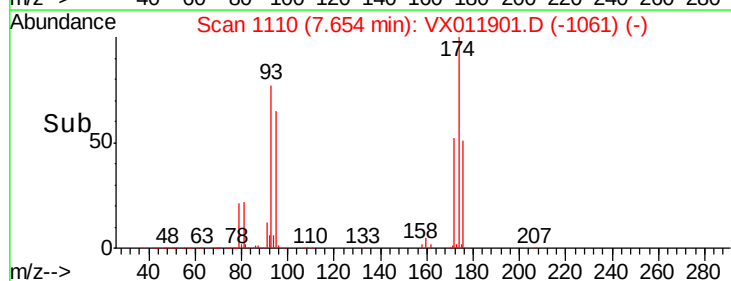
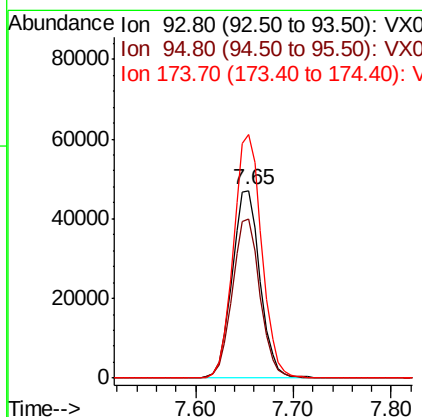
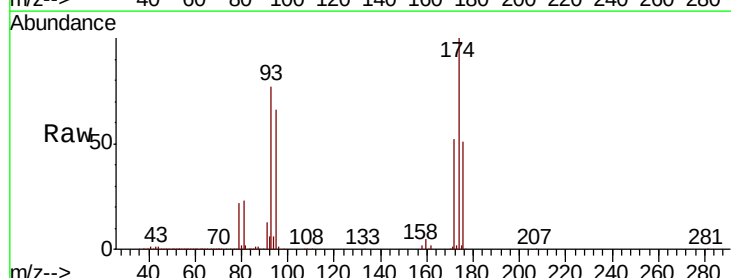
Manual Integrations
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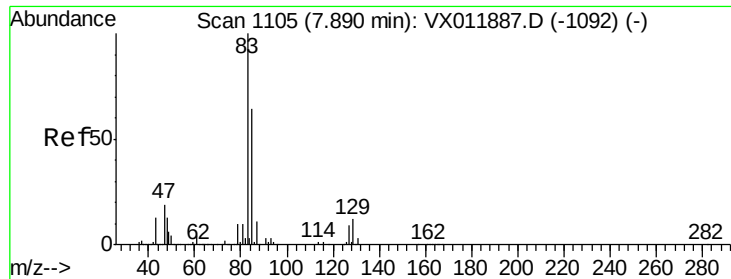
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#46
 Dibromomethane
 Concen: 49.064 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion: 93 Resp: 93571
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.7 98.5
 174 131.0 104.2 156.4





#47

Bromodichloromethane

Concen: 51.546 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

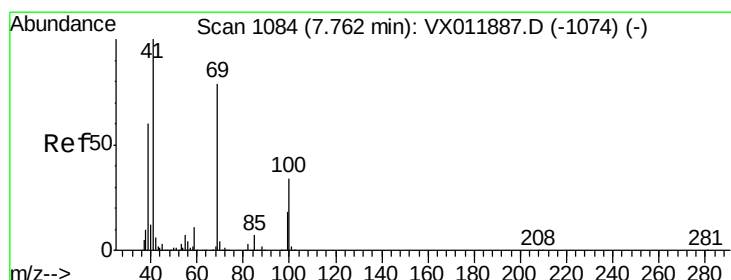
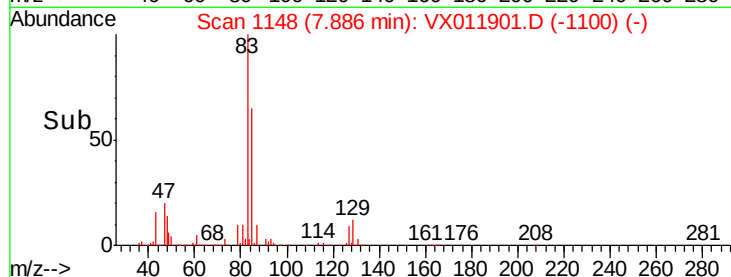
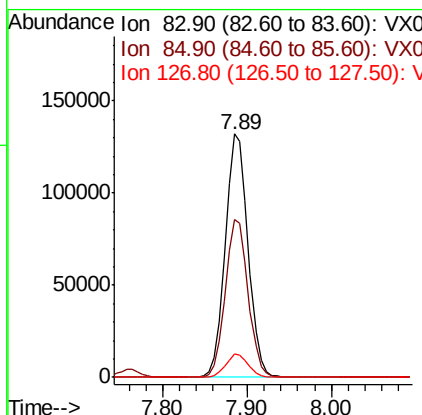
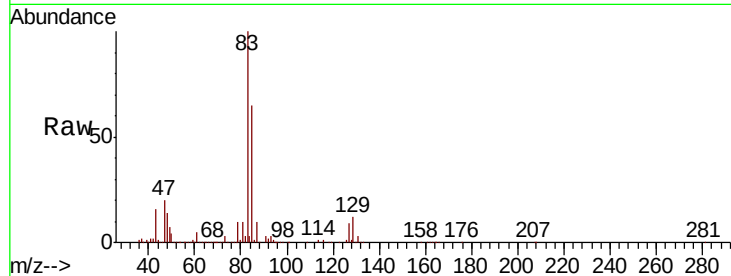
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	243764
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.1	76.7
127	9.4	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.265 ug/l

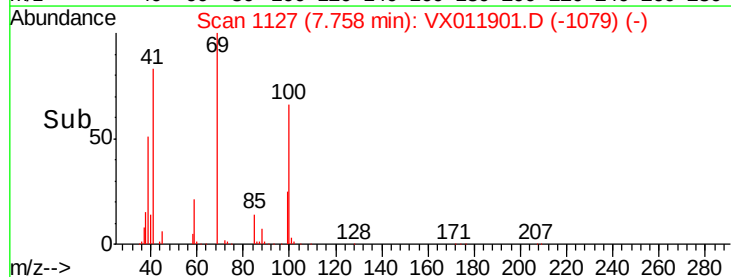
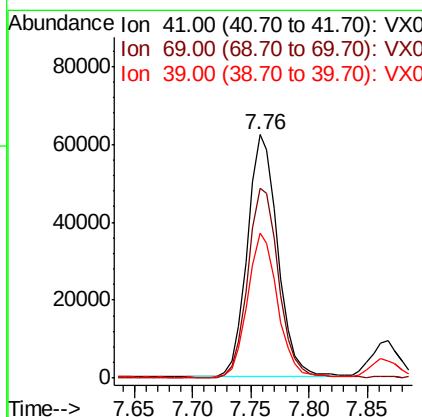
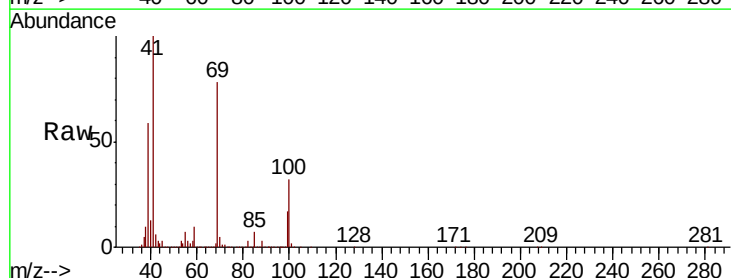
RT: 7.76 min Scan# 1127

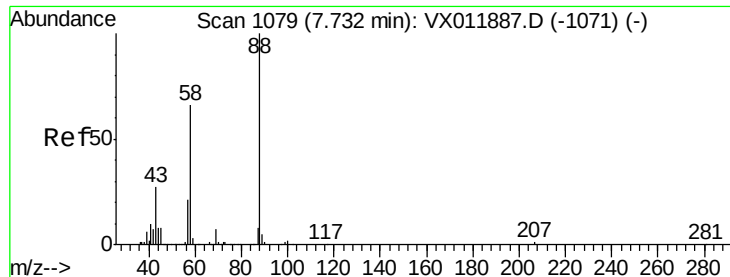
Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Tgt Ion:	41	Resp:	113589
Ion	Ratio	Lower	Upper
41	100		
69	80.1	64.4	96.6
39	59.1	47.2	70.8





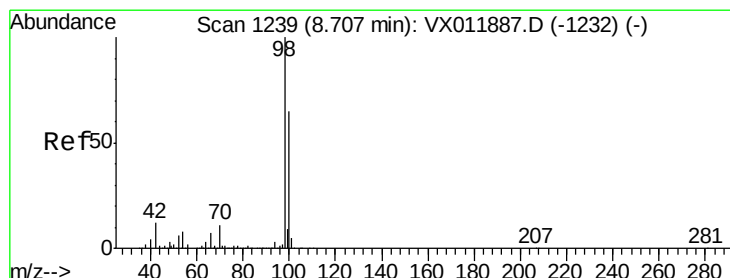
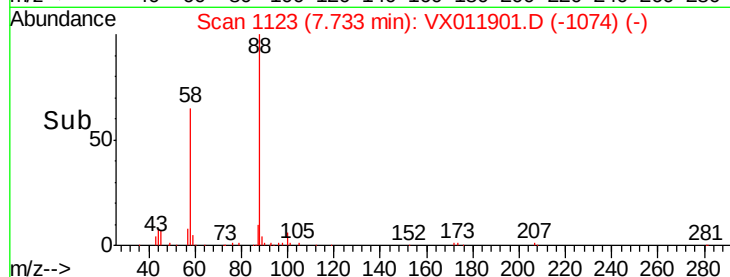
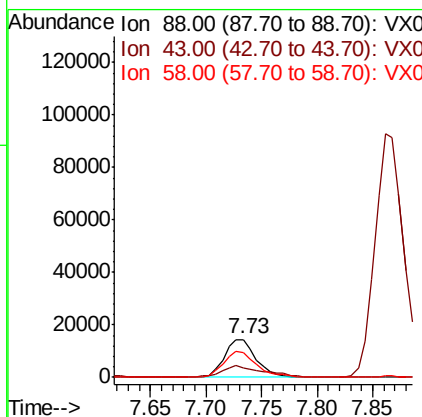
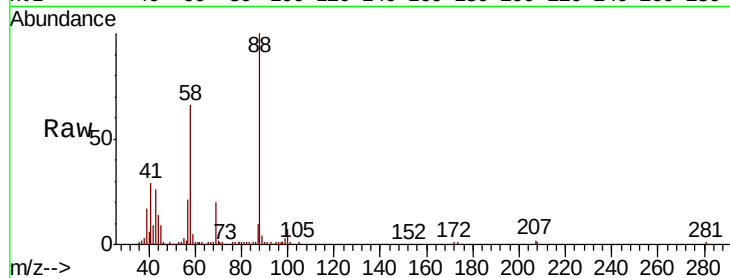
#49
1,4-Dioxane
Concen: 862.140 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	27.3	40.9
58	73.4	53.9	80.9

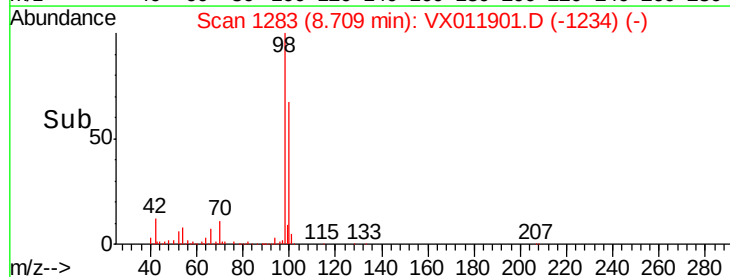
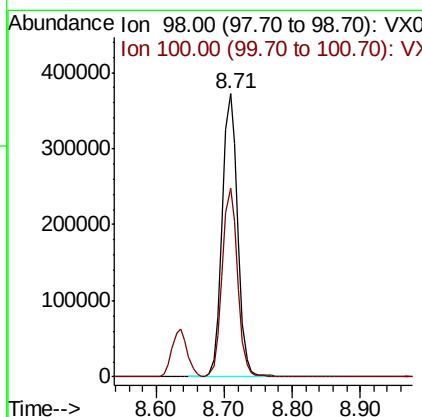
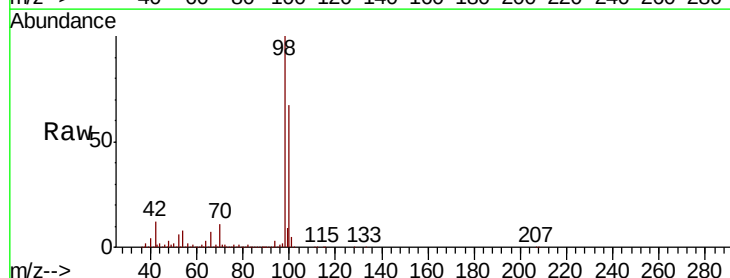
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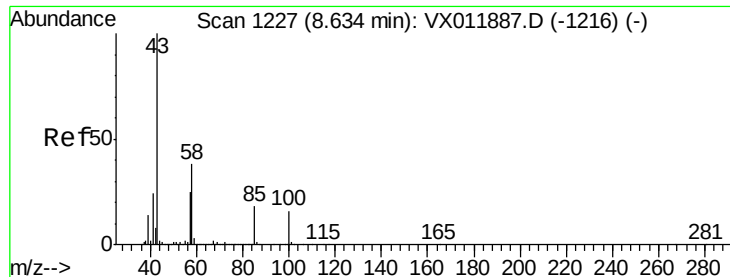
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#50
Toluene-d8
Concen: 49.371 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6





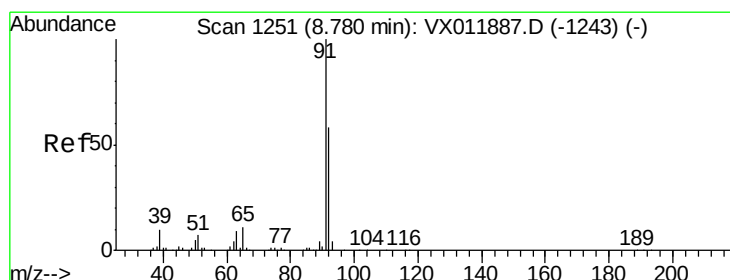
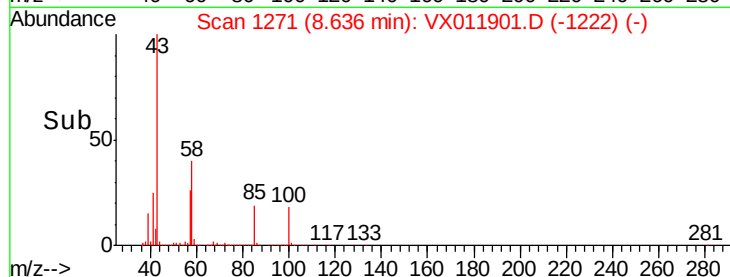
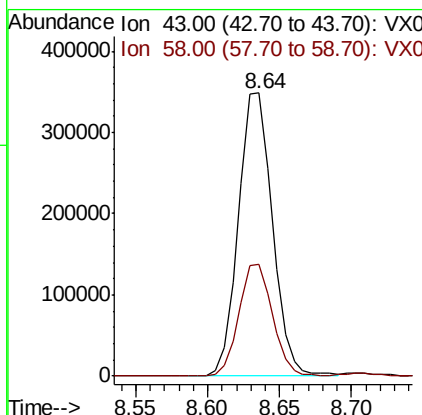
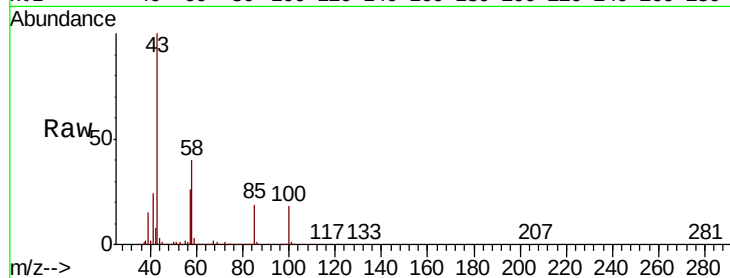
#51
 4-Methyl-2-Pentanone
 Concen: 227.846 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	30.9	46.3

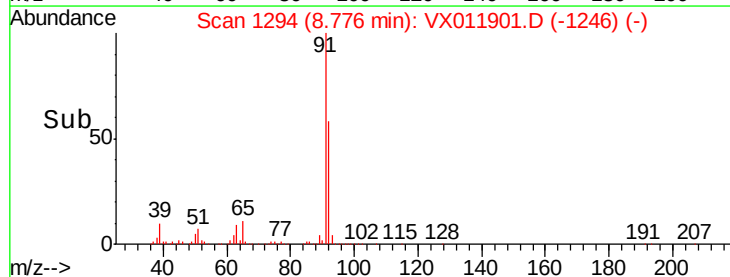
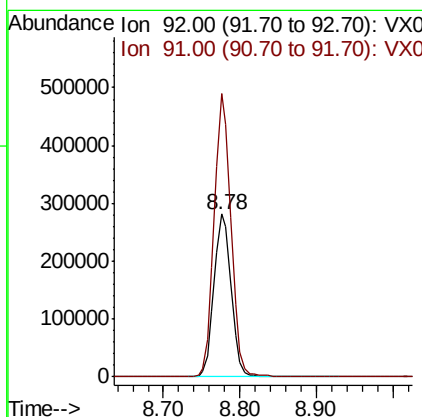
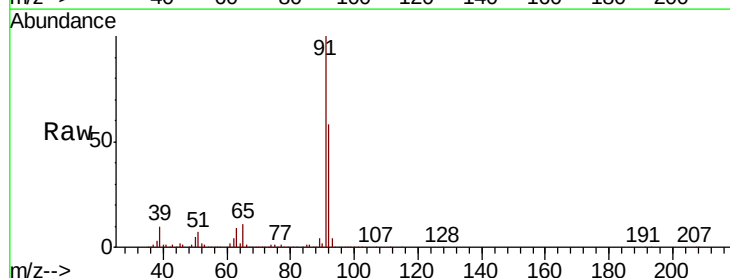
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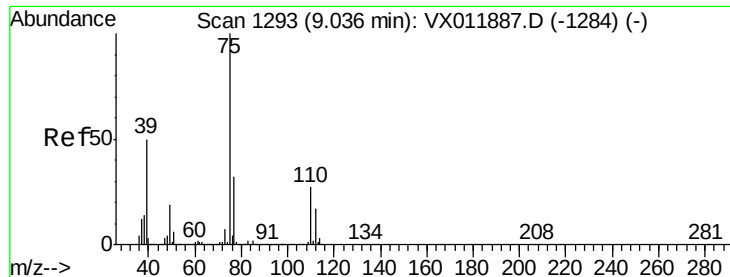
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#52
 Toluene
 Concen: 54.183 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.0	136.8	205.2





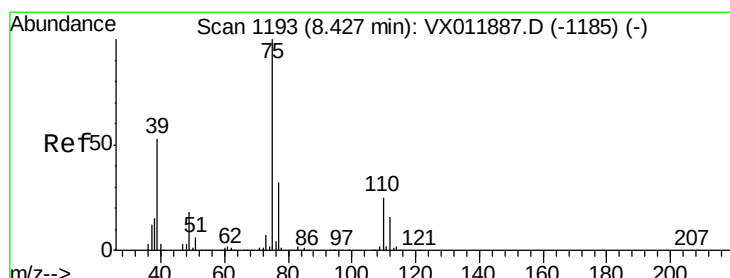
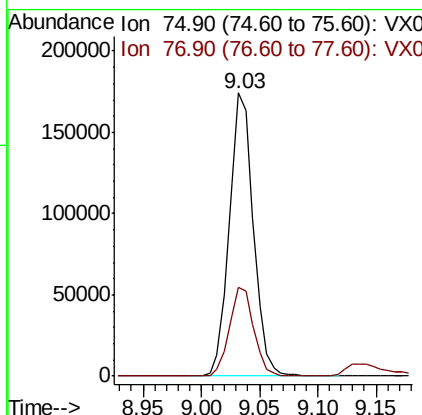
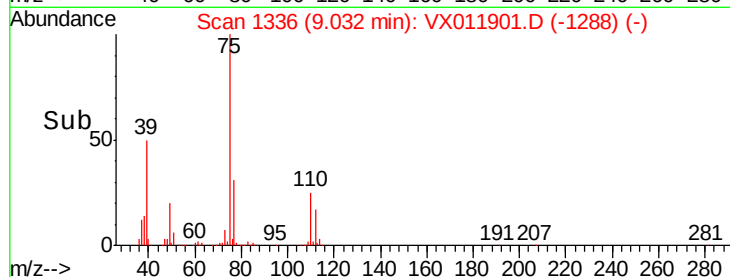
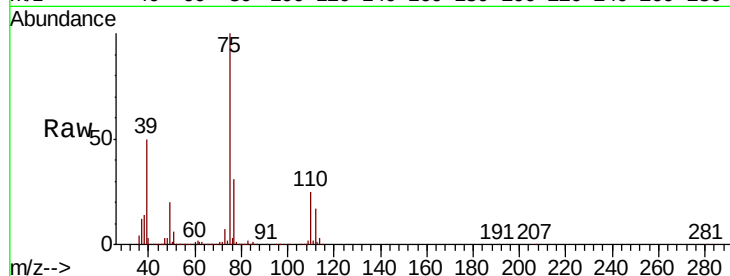
#53
t-1,3-Dichloropropene
Concen: 51.843 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.6	38.4

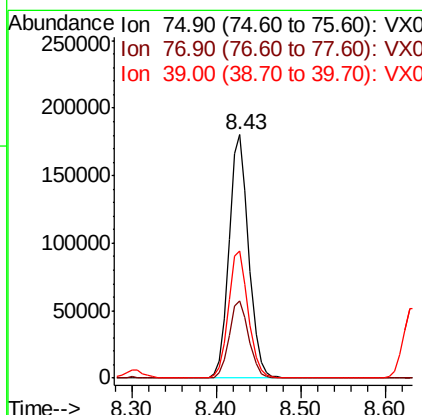
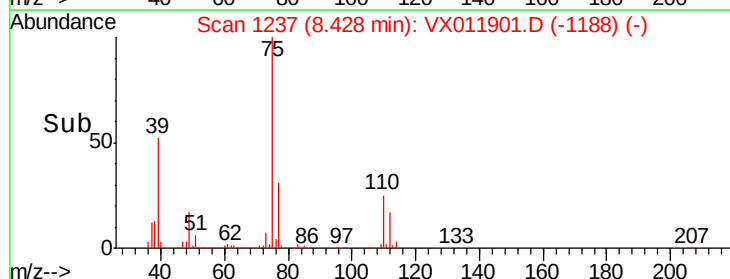
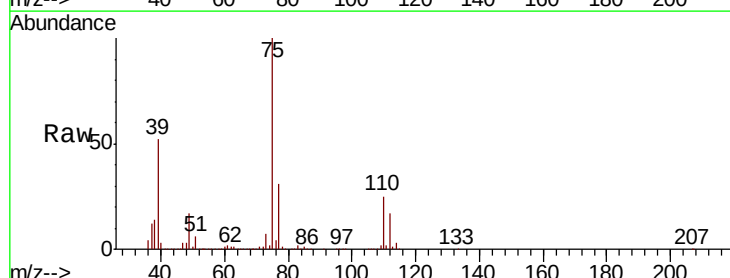
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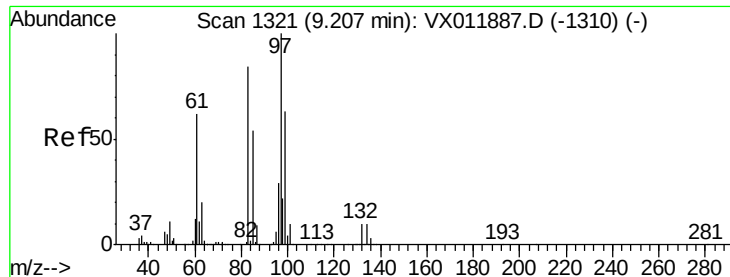
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#54
cis-1,3-Dichloropropene
Concen: 52.614 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.5	38.3
39	52.2	42.6	64.0





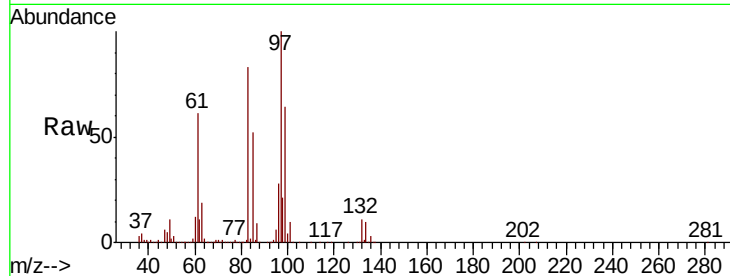
#55
 1,1,2-Trichloroethane
 Concen: 48.420 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

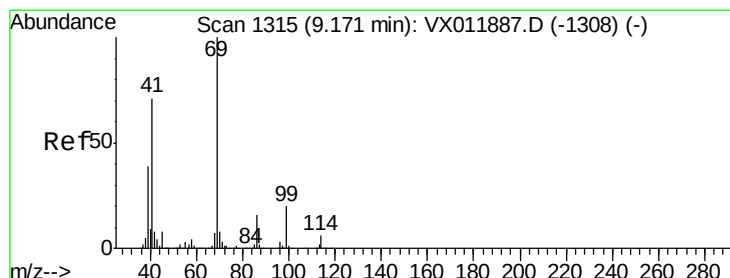
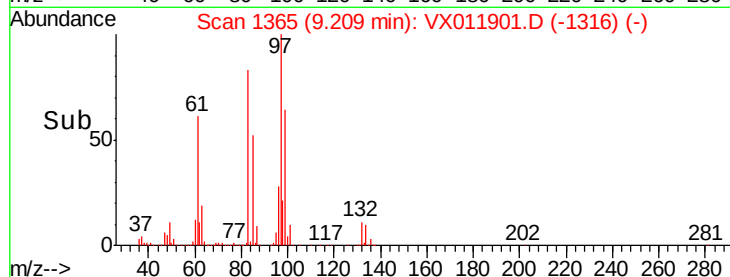
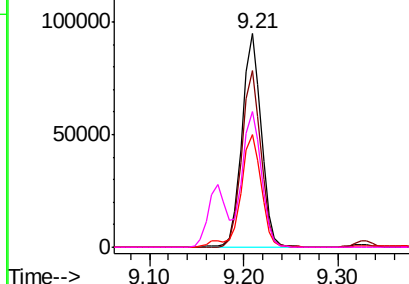
Tot Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.8	100.2
85	52.4	43.5	65.3
99	63.8	50.6	75.8

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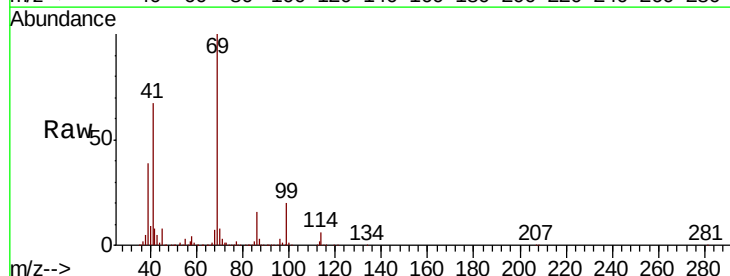


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

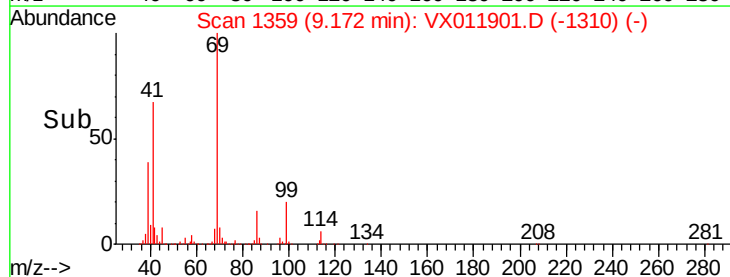
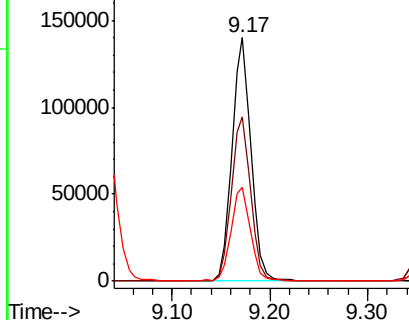


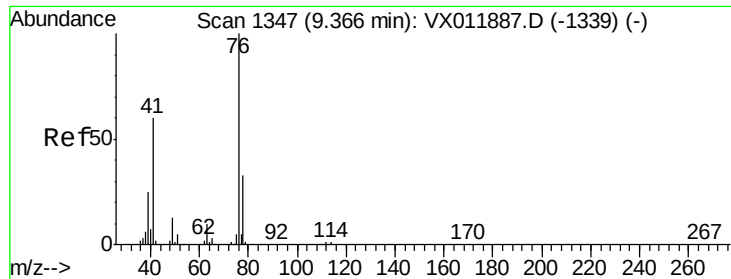
#56
 Ethyl methacrylate
 Concen: 48.437 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.7	55.8	83.8
39	39.5	31.1	46.7



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





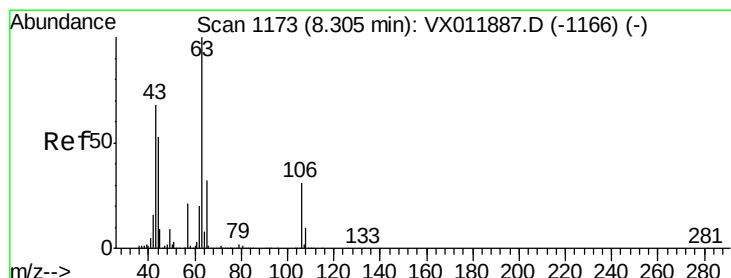
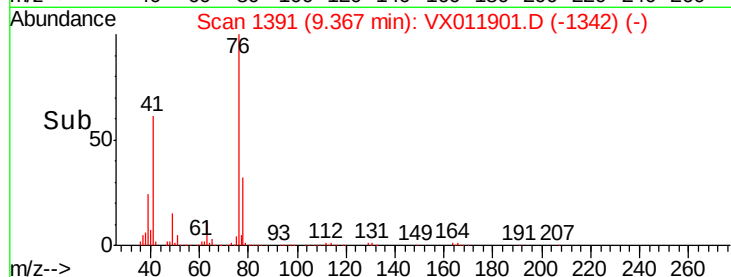
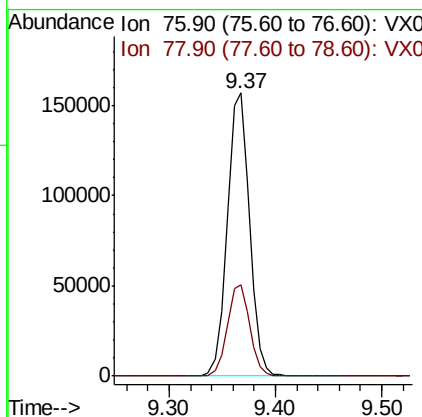
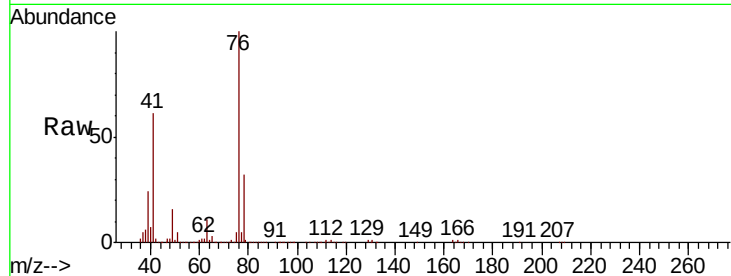
#57
 1,3-Dichloropropane
 Concen: 49.657 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.4	39.6

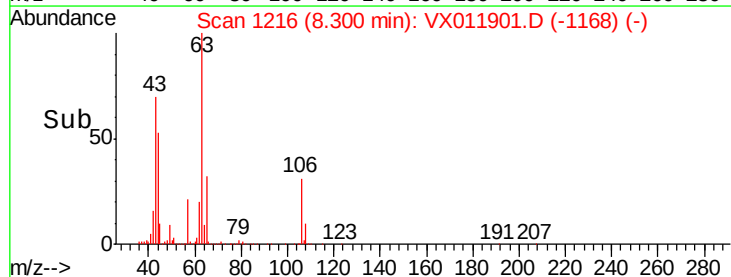
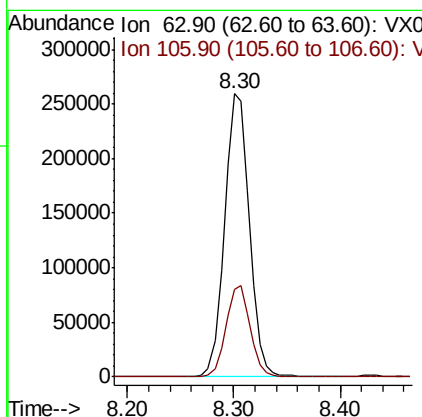
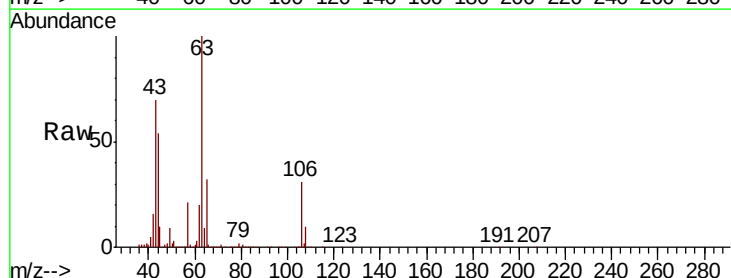
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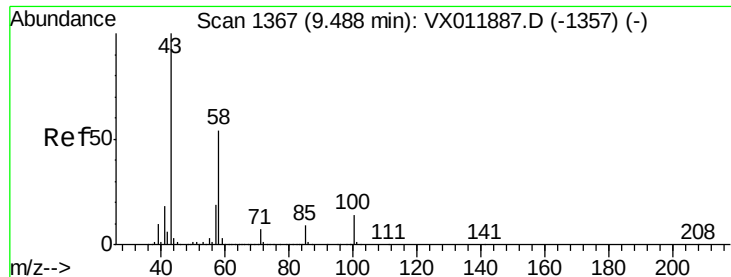
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#58
 2-Chloroethyl Vinyl ether
 Concen: 227.772 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	24.8	37.2





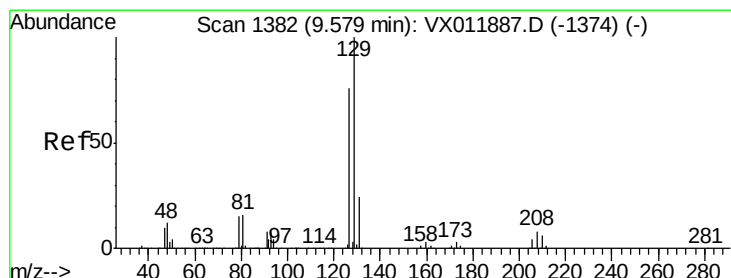
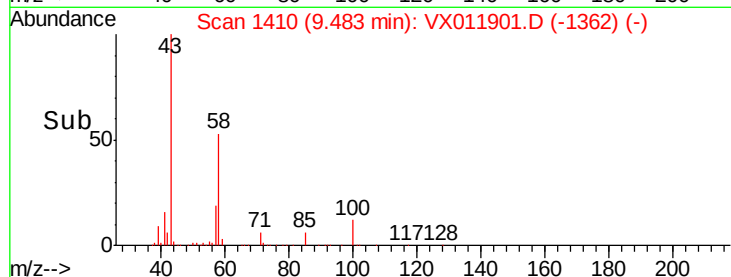
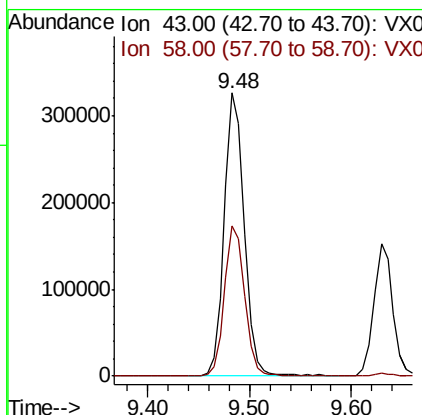
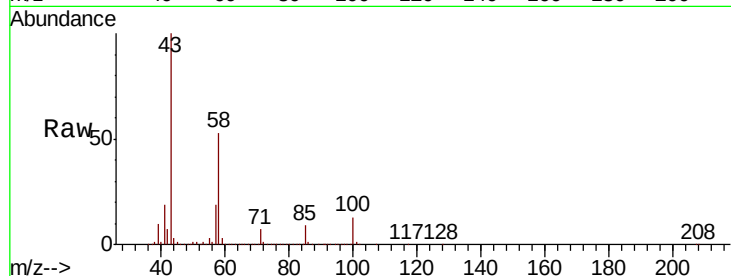
#59
2-Hexanone
Concen: 247.595 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 441307
Ion Ratio Lower Upper
43 100
58 54.1 26.8 80.4

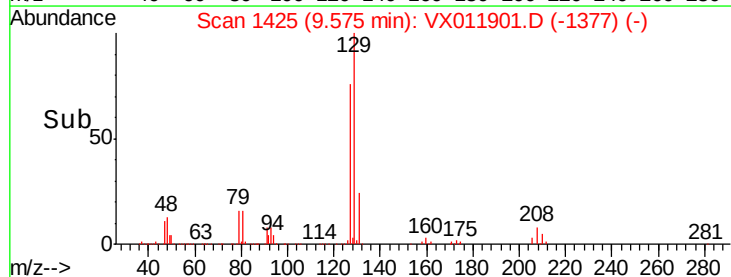
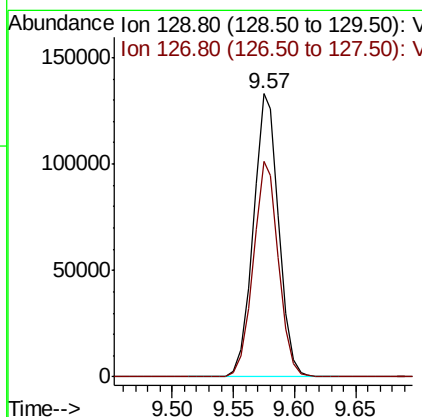
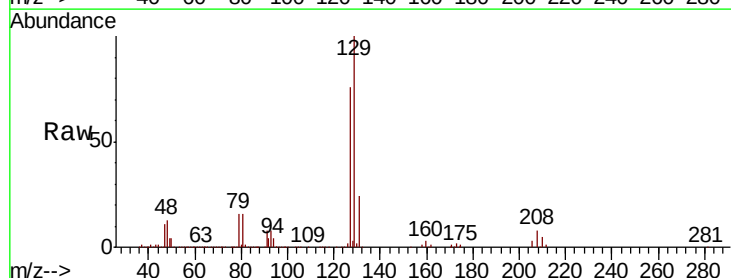
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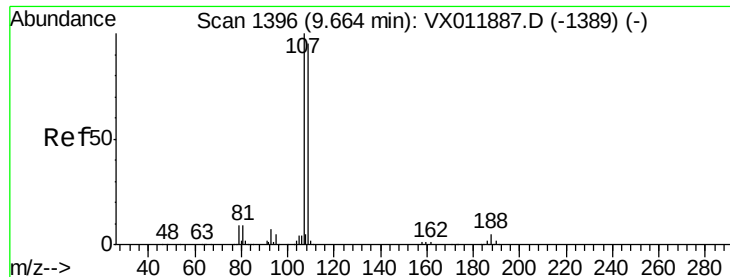
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#60
Dibromochloromethane
Concen: 51.239 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion: 129 Resp: 192138
Ion Ratio Lower Upper
129 100
127 75.8 38.6 115.7





#61

1,2-Dibromoethane

Concen: 49.022 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 135696

Ion Ratio Lower Upper

107 100

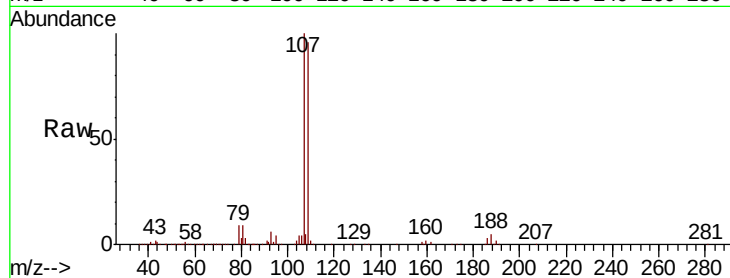
109 95.3 75.3 112.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

60000

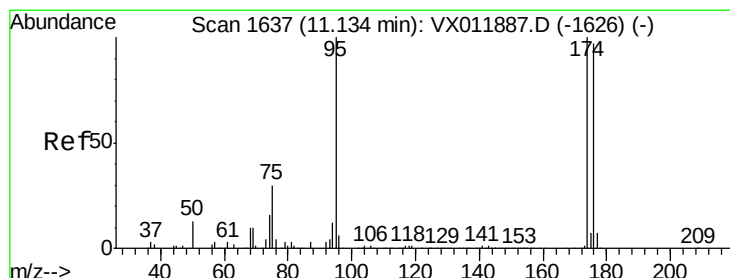
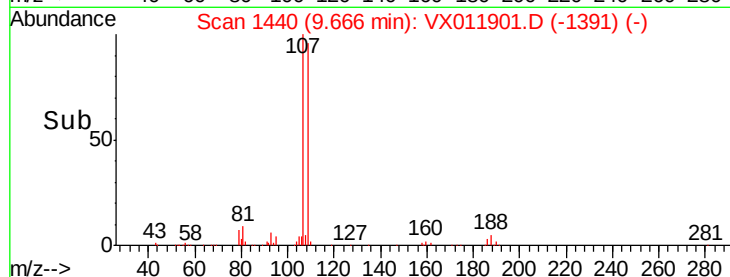
40000

20000

0

Time-->

9.60 9.70



#62

4-Bromofluorobenzene

Concen: 44.871 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

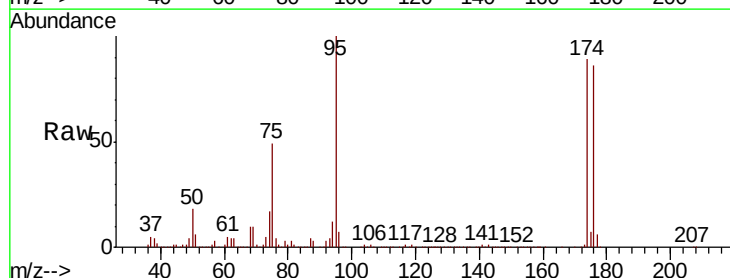
Tgt Ion: 95 Resp: 234389

Ion Ratio Lower Upper

95 100

174 97.7 0.0 196.0

176 96.0 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

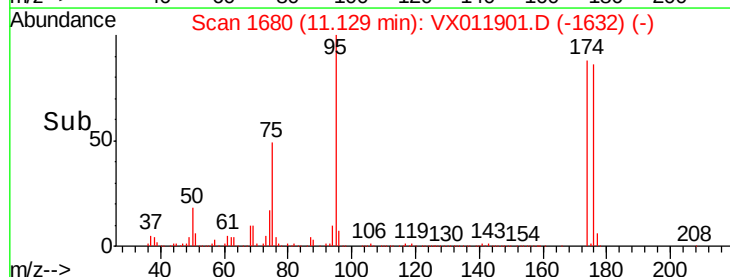
100000

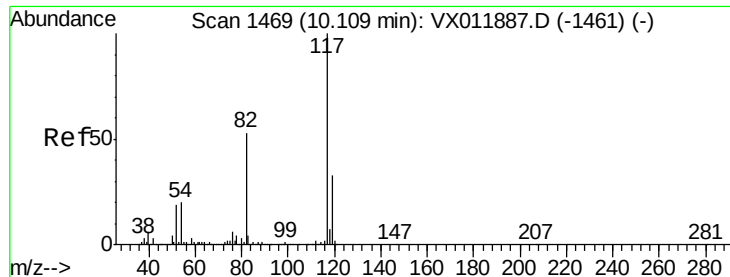
50000

0

Time-->

11.05 11.10 11.15 11.20





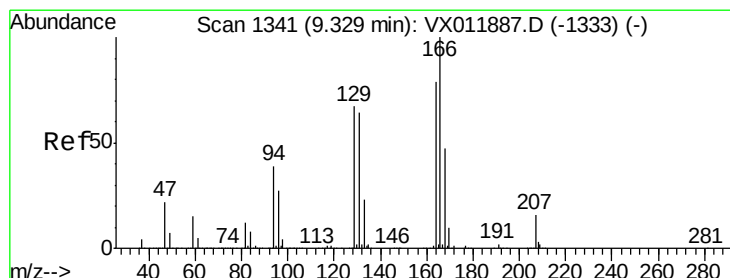
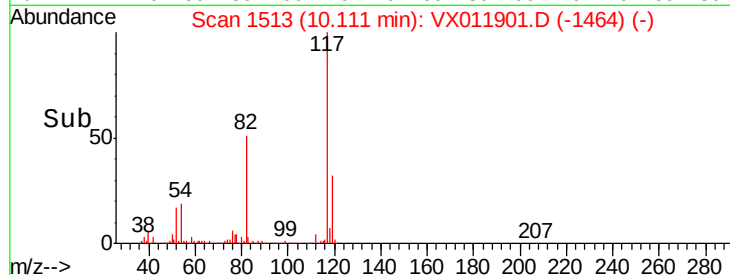
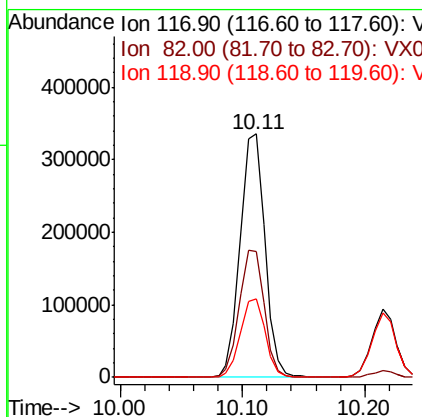
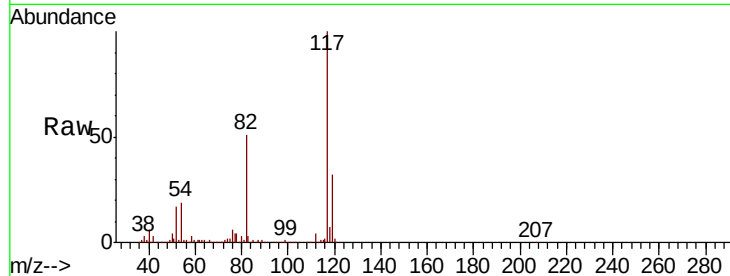
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	472805		
82	51.4	42.0	63.0	
119	32.4	26.2	39.4	

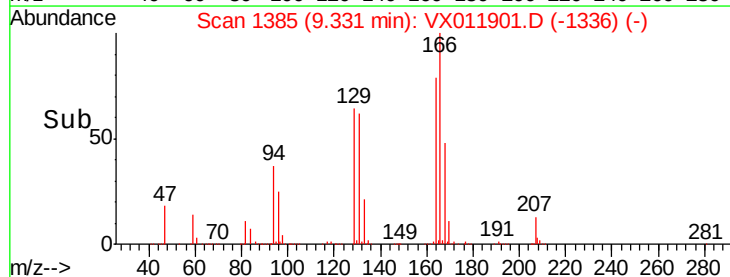
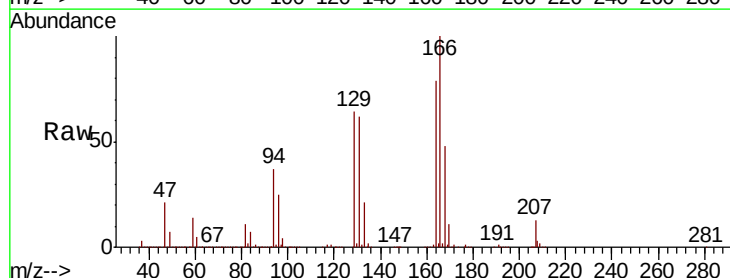
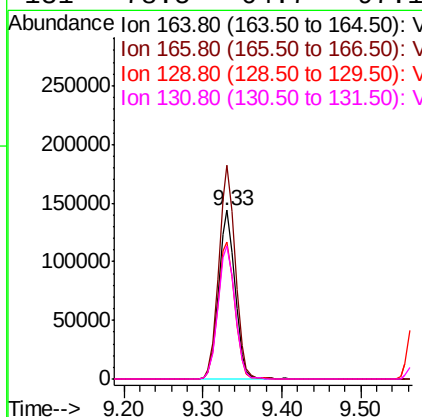
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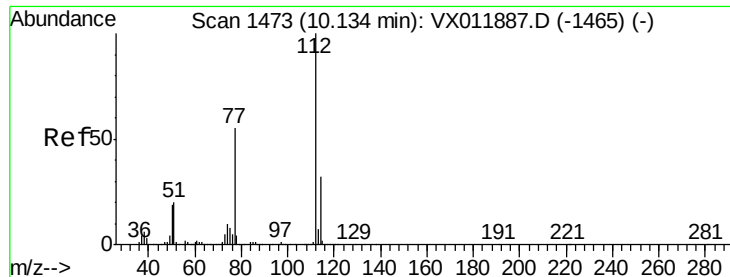
sam
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#64
Tetrachloroethene
Concen: 55.094 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	209533		
166	126.4	101.4	152.0	
129	81.1	68.0	102.0	
131	78.5	64.7	97.1	





#65

Chlorobenzene

Concen: 54.762 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 501748

Ion Ratio Lower Upper

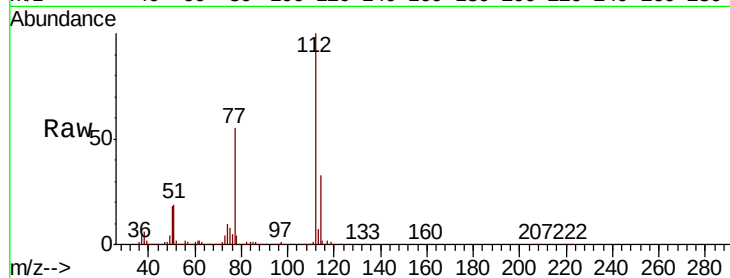
112 100

114 32.6 25.9 38.9

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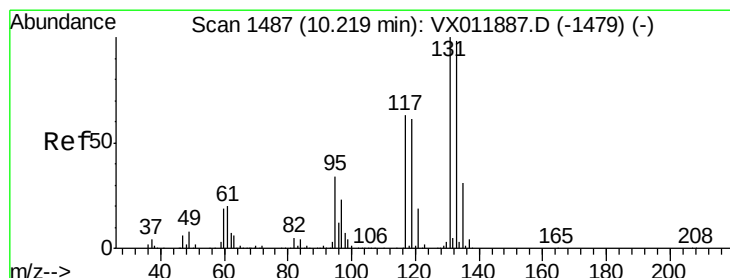
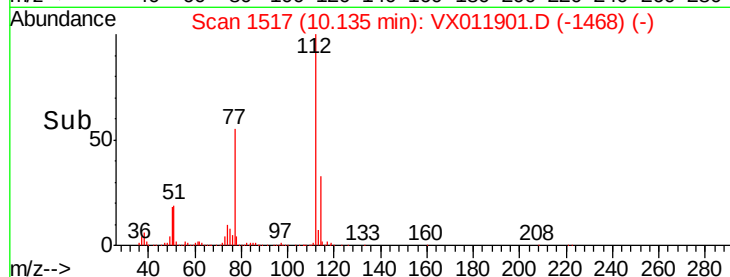
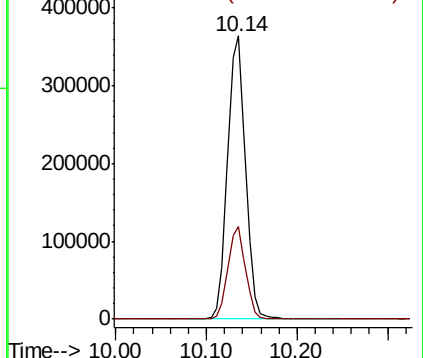
sam

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.157 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

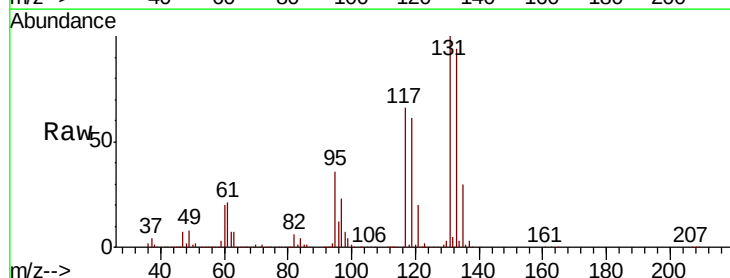
Tgt Ion:131 Resp: 200659

Ion Ratio Lower Upper

131 100

133 95.5 48.4 145.0

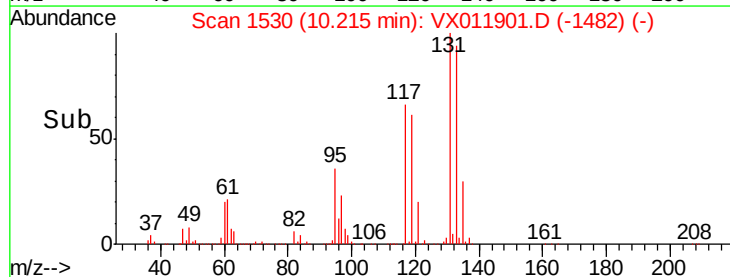
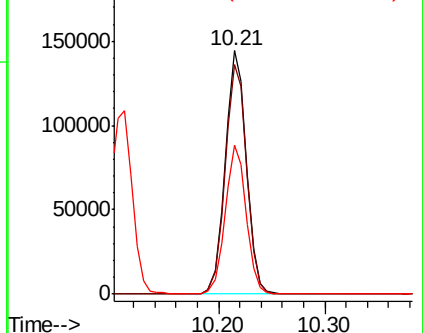
119 60.6 30.6 92.0

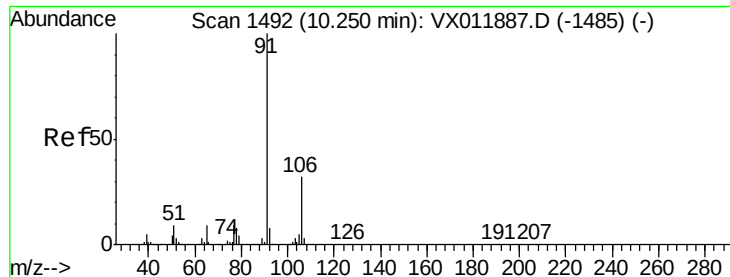


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 56.485 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 880325

Ion Ratio Lower Upper

91 100

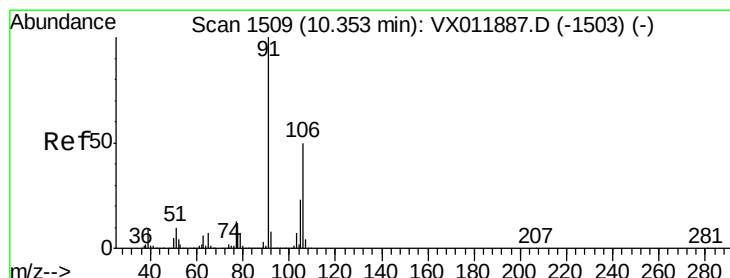
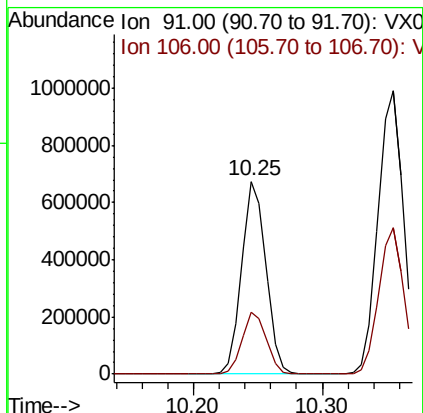
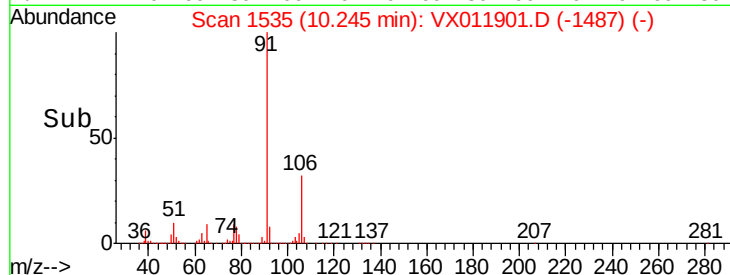
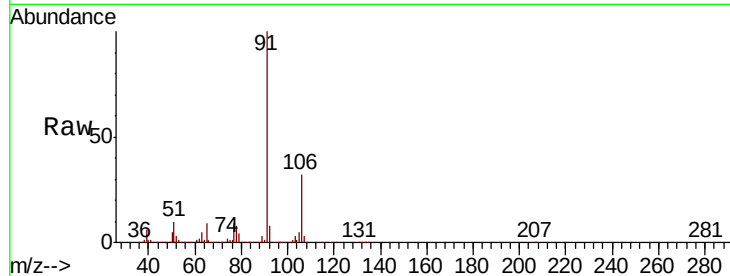
106 32.0 25.8 38.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 114.110 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX011901.D

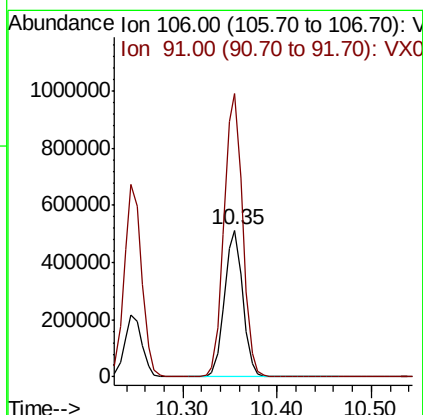
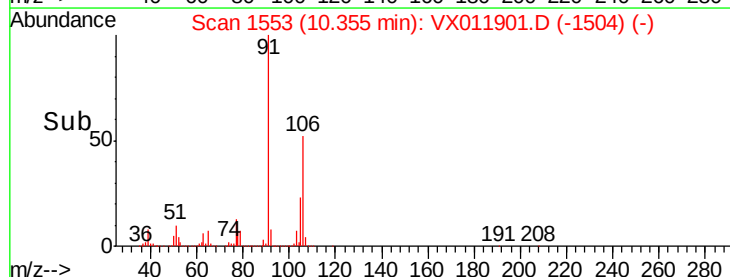
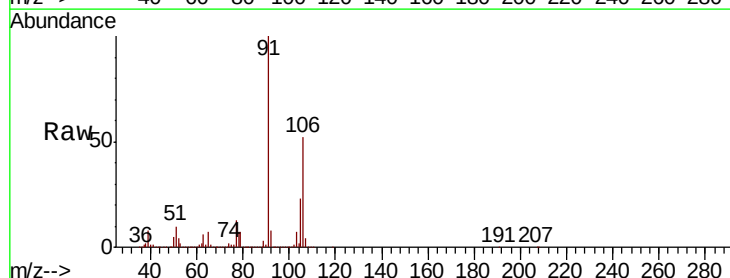
Acq: 30 Aug 2019 10:17

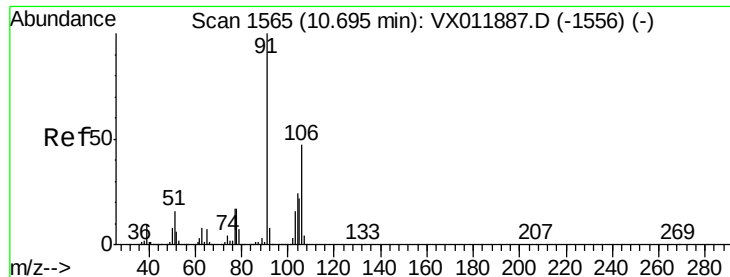
Tgt Ion: 106 Resp: 686708

Ion Ratio Lower Upper

106 100

91 196.9 158.6 237.8





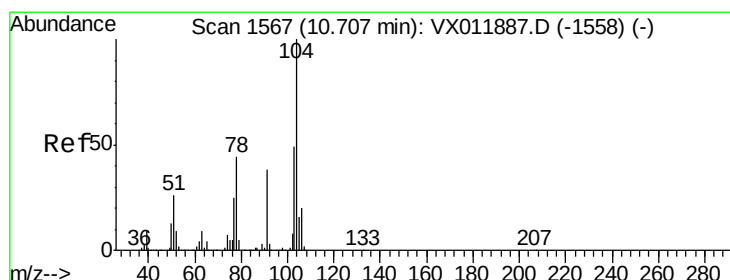
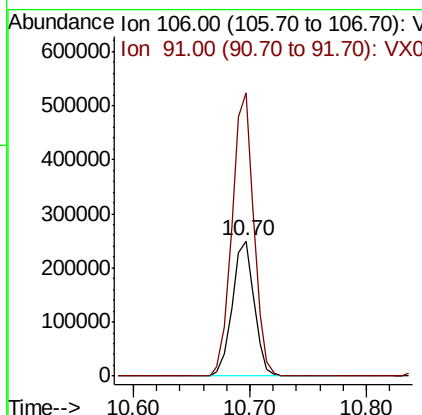
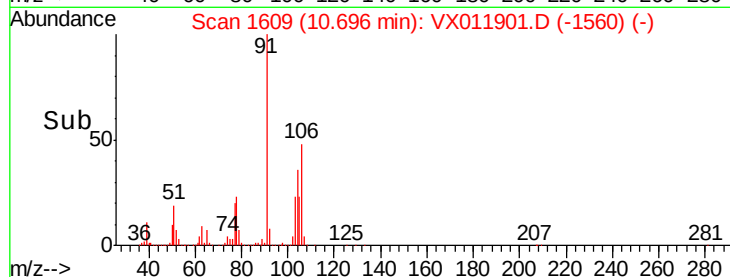
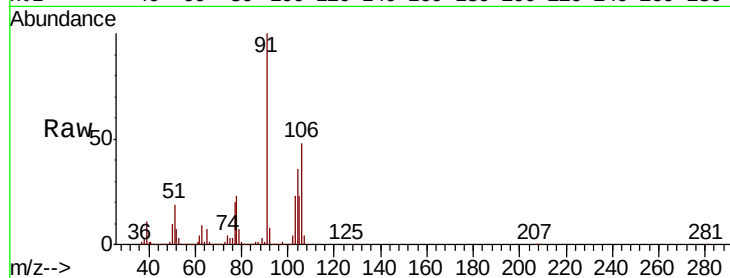
#69
o-Xylene
Concen: 55.668 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	208.2	104.8	326452	314.6	

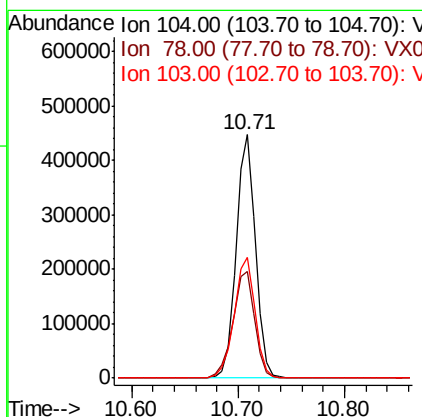
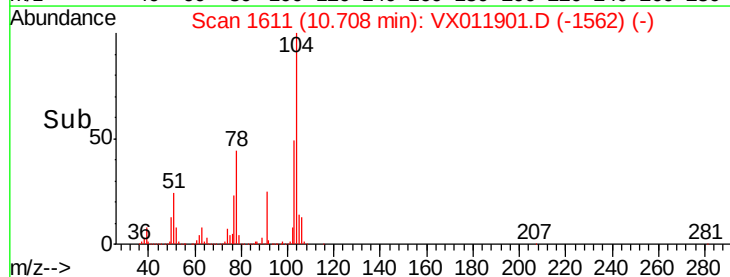
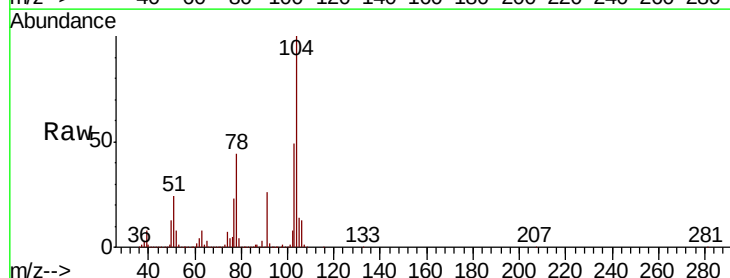
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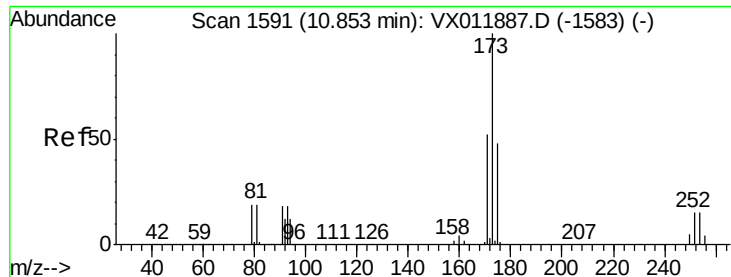
sam
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#70
Styrene
Concen: 55.004 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.6	39.2	568540	58.8	
103	54.1	43.0		64.6	





#71

Bromoform

Concen: 51.786 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

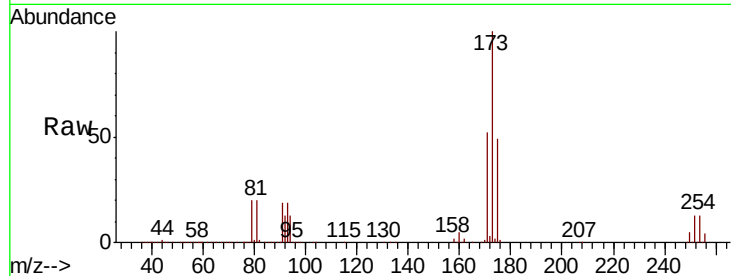
ClientSampleId :

VSTDCCC050

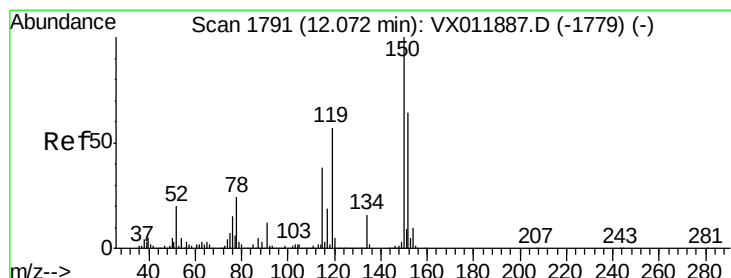
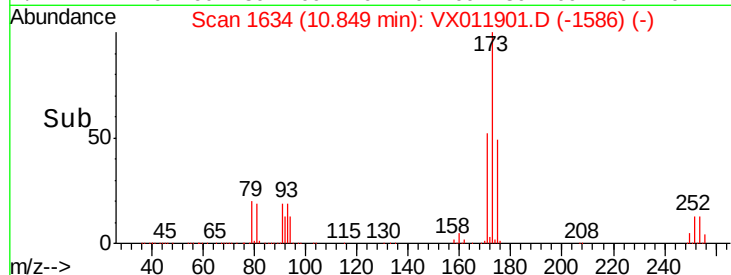
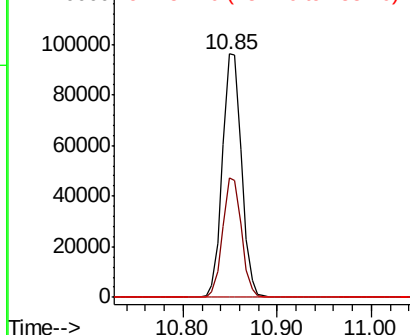
Tot Ion:	173	Resp:	135672
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.4	73.2
254	0.1	0.1	0.1

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

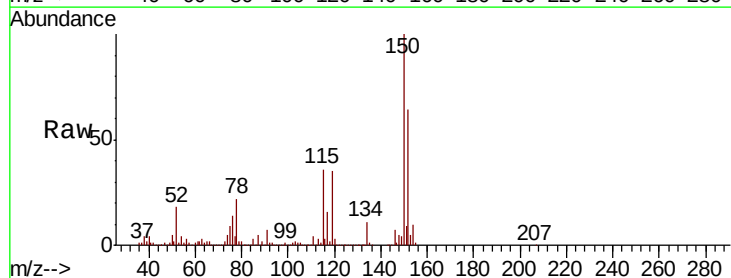
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

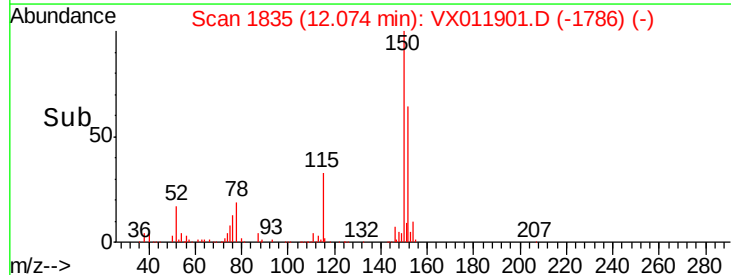
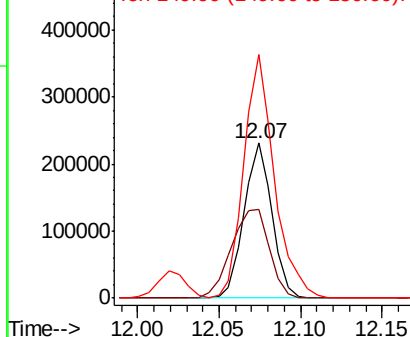
Lab File: VX011901.D

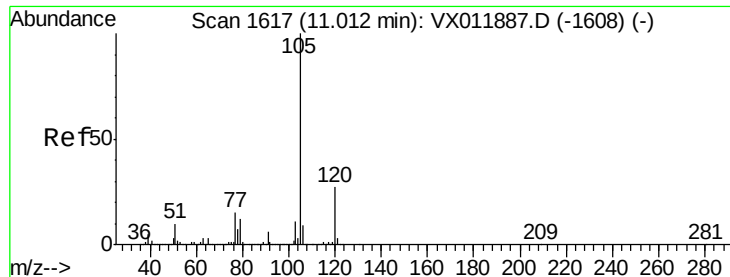
Acq: 30 Aug 2019 10:17

Tgt Ion:	152	Resp:	275066
Ion Ratio	Lower	Upper	
152	100		
115	78.4	37.1	111.3
150	172.6	0.0	339.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.735 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 912484

Ion Ratio Lower Upper

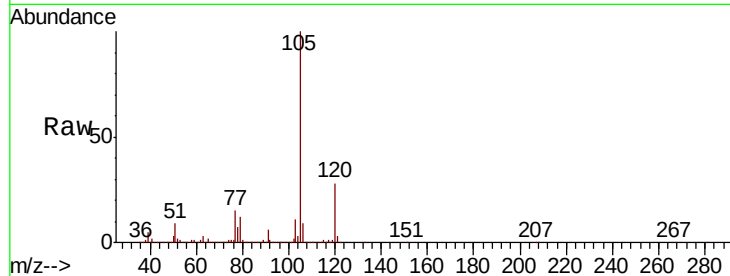
105 100

120 27.5 13.8 41.4

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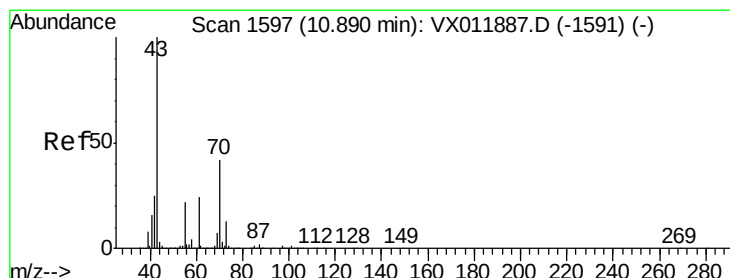
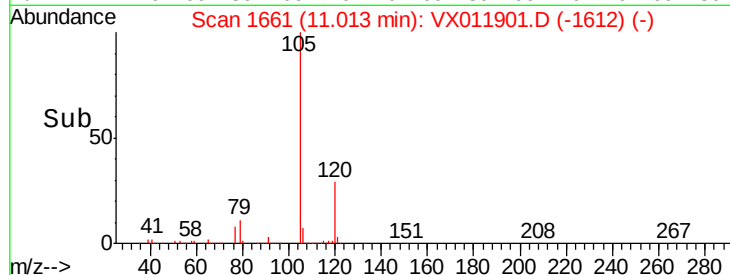
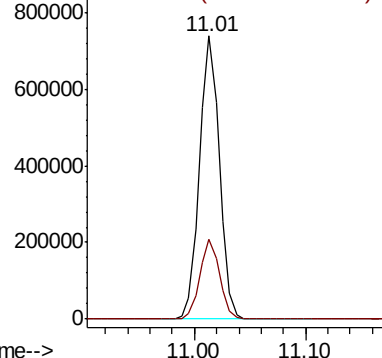
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.222 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Tgt Ion: 43 Resp: 226175

Ion Ratio Lower Upper

43 100

70 42.1 0.2 0.2#

55 23.2 0.1 0.1#

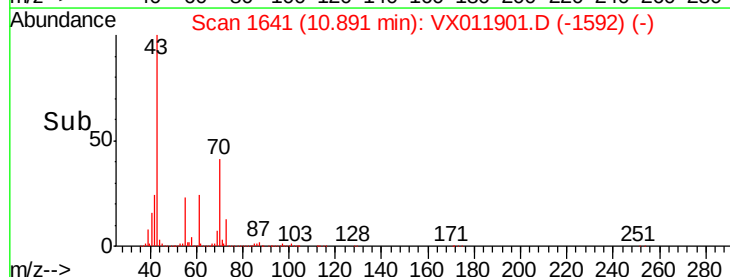
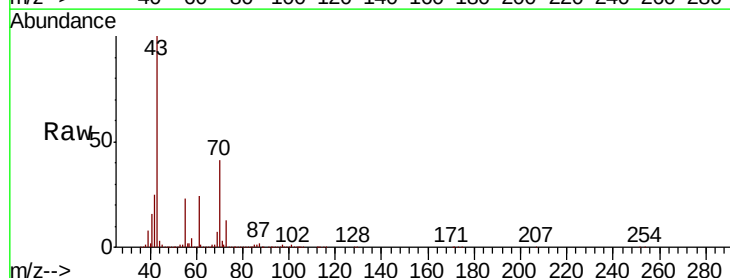
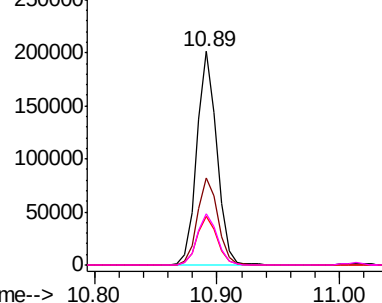
61 24.3 16.4 24.6

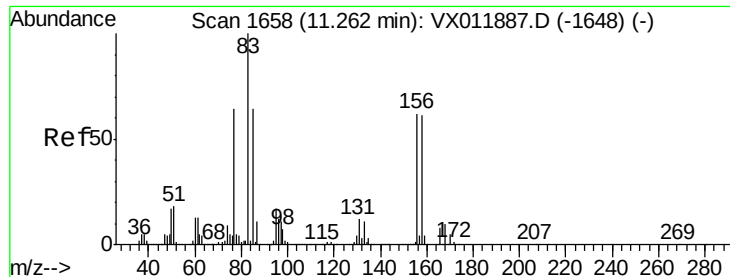
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.077 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

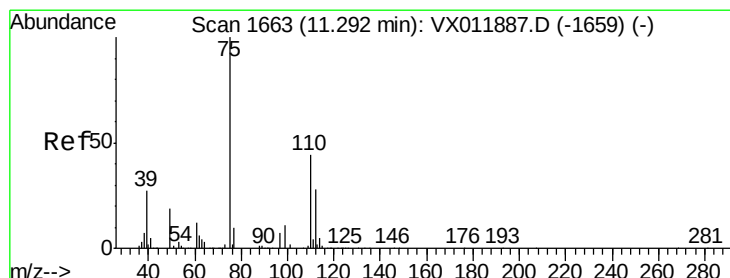
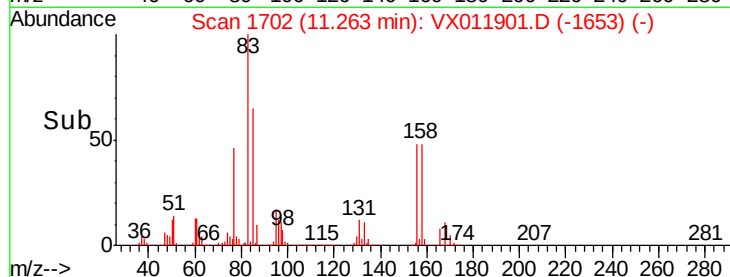
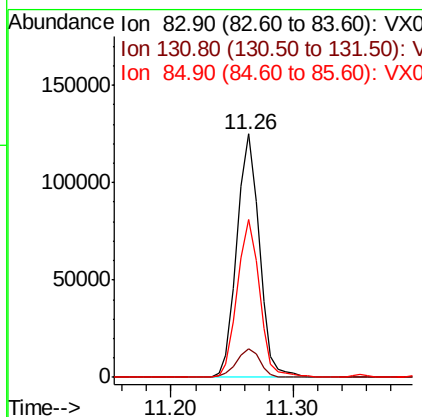
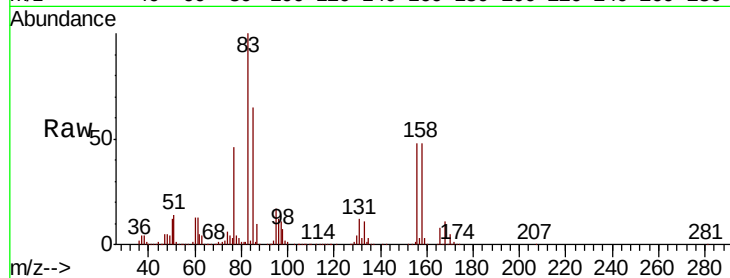
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	158743
Ion Ratio	Lower	Upper	
83	100		
131	12.3	6.0	18.0
85	64.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.931 ug/l m

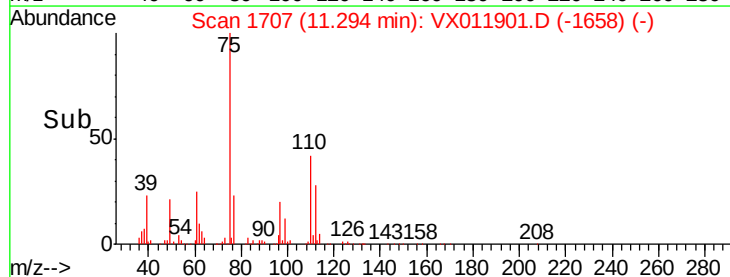
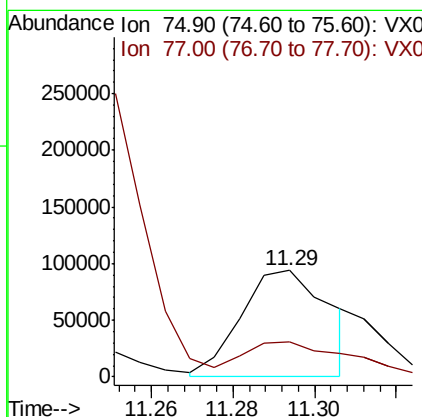
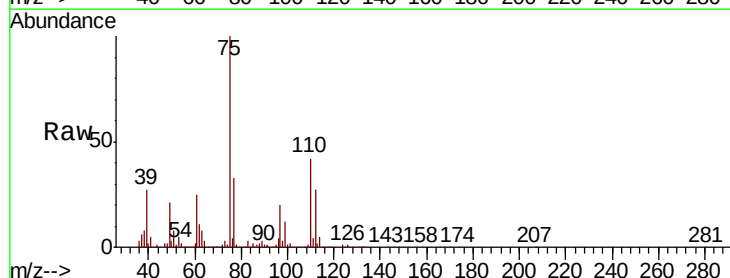
RT: 11.29 min Scan# 1707

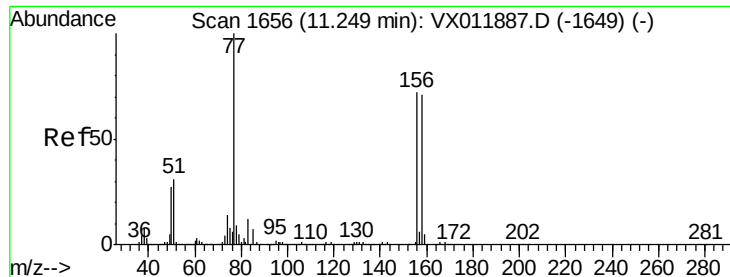
Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Tgt Ion:	75	Resp:	140518
Ion Ratio	Lower	Upper	
75	100		
77	39.4	20.9	62.7





#77

Bromobenzene

Concen: 54.174 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

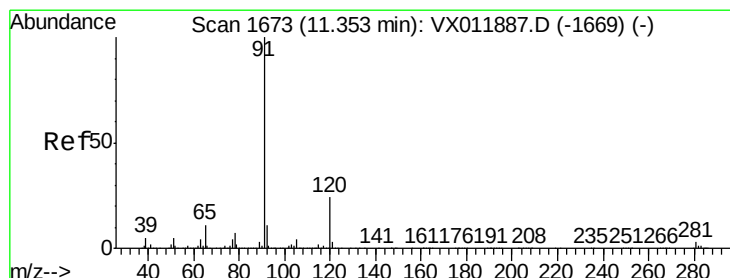
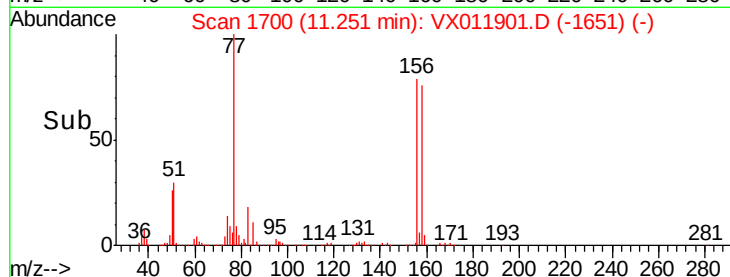
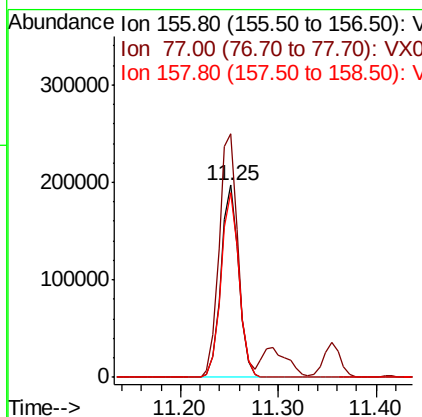
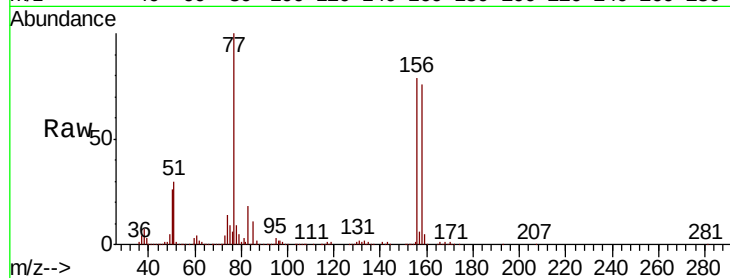
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	248320
Ion Ratio	Lower	Upper	
156	100		
77	133.1	68.1	204.3
158	97.4	48.9	146.8

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 58.163 ug/l

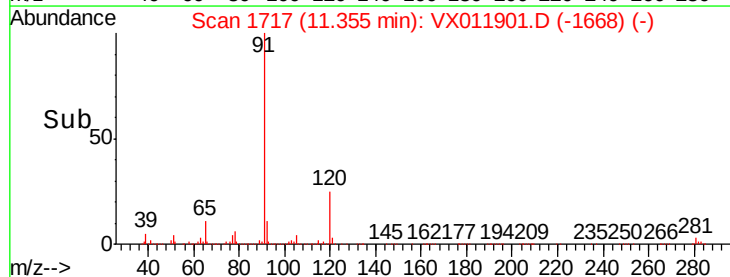
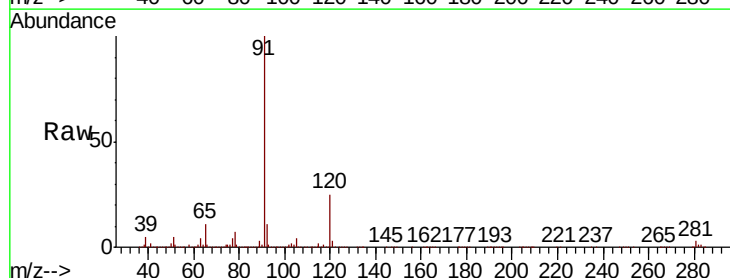
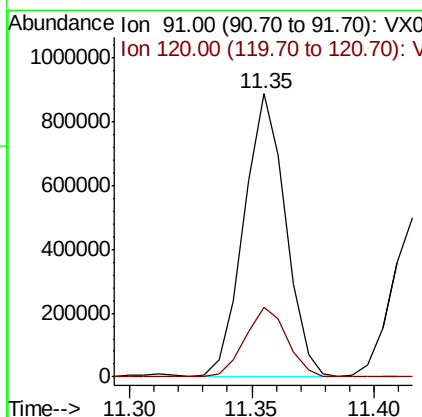
RT: 11.35 min Scan# 1717

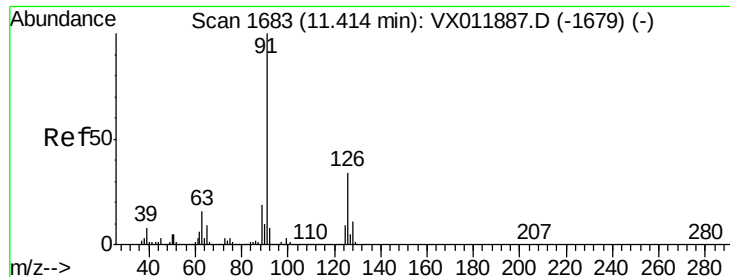
Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Tgt Ion:	91	Resp:	1042391
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.3	36.9





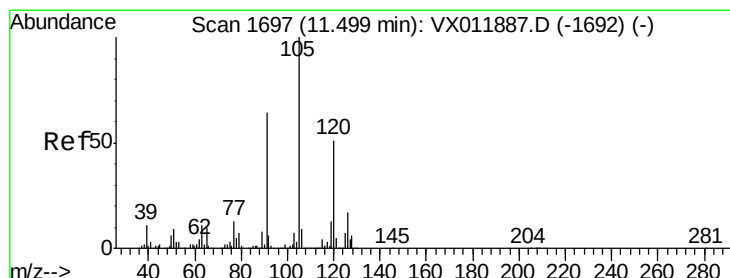
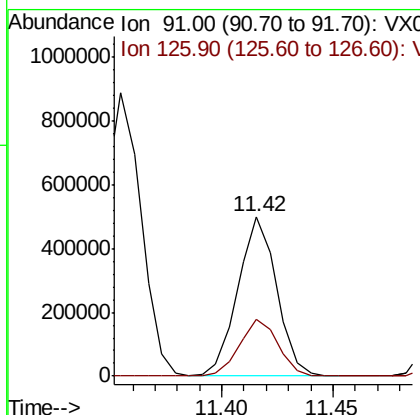
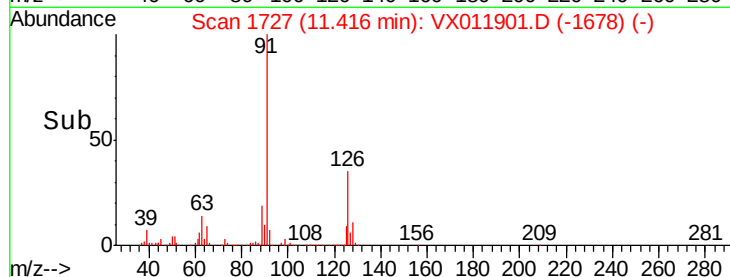
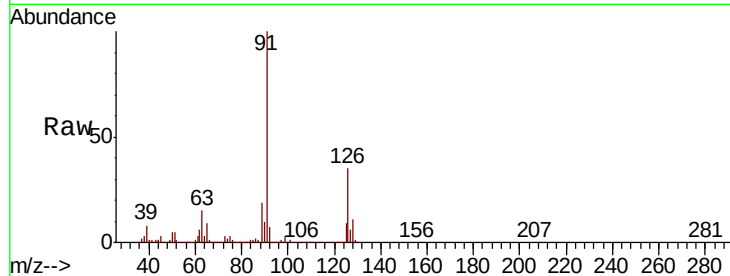
#79
 2-Chlorotoluene
 Concen: 56.017 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.9	53.8

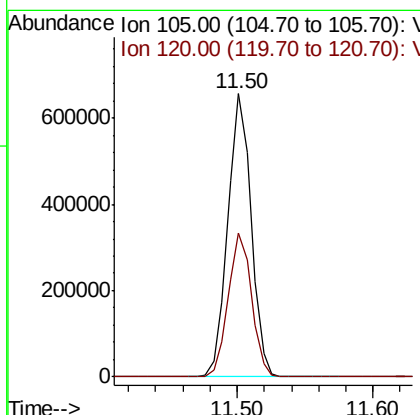
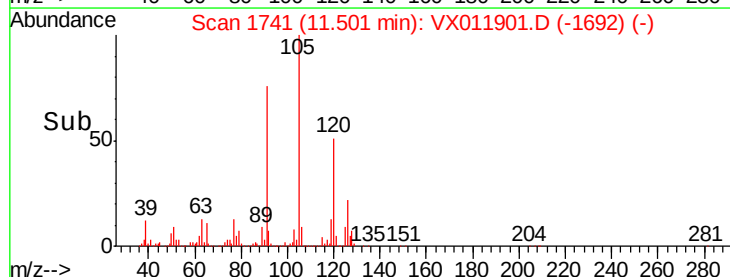
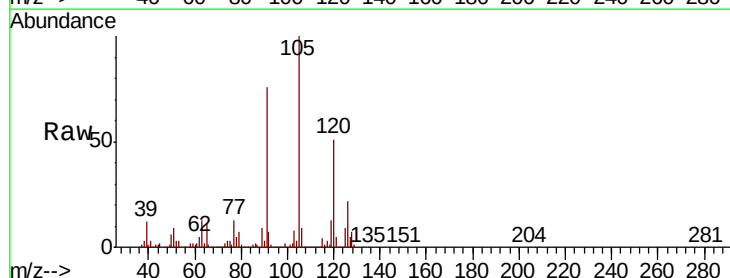
Manual Integrations
 APPROVED

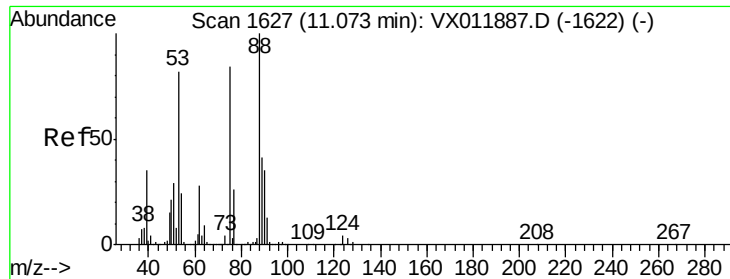
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 57.005 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.0	25.3	75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 51.056 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

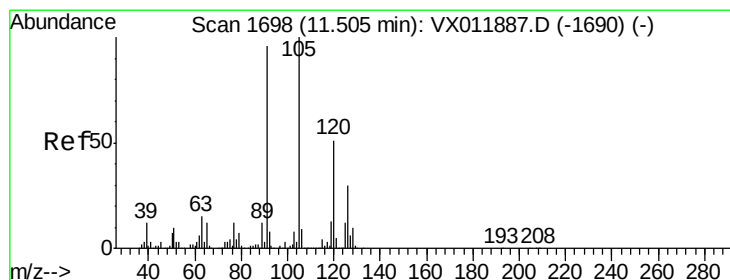
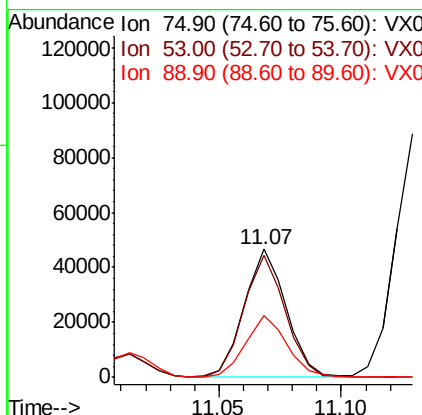
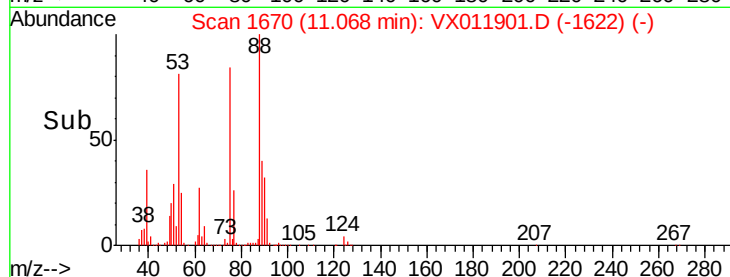
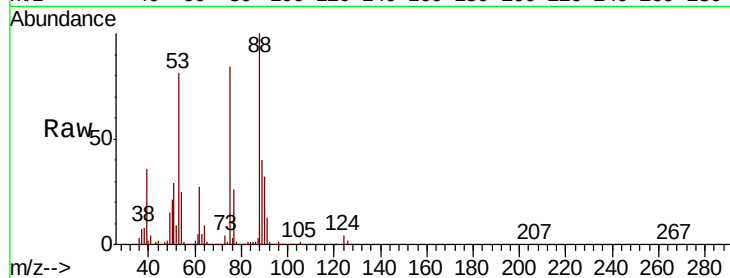
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	54992
Ion	Ratio	Lower	Upper
75	100		
53	95.3	77.1	115.7
89	49.0	38.2	57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 55.439 ug/l

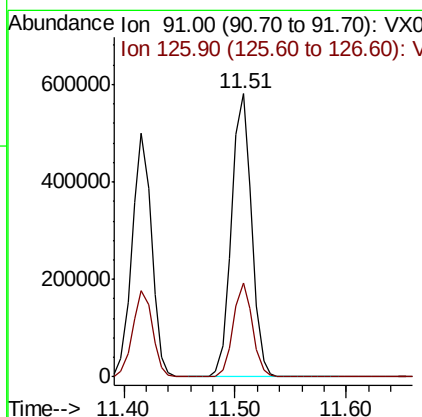
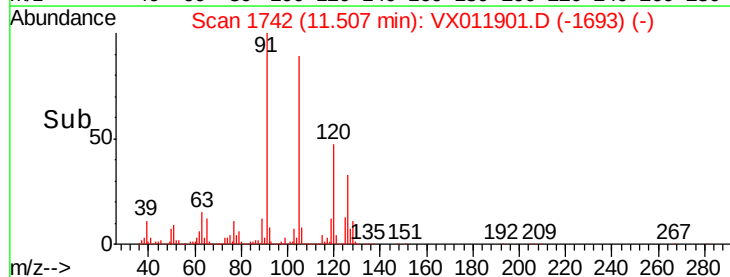
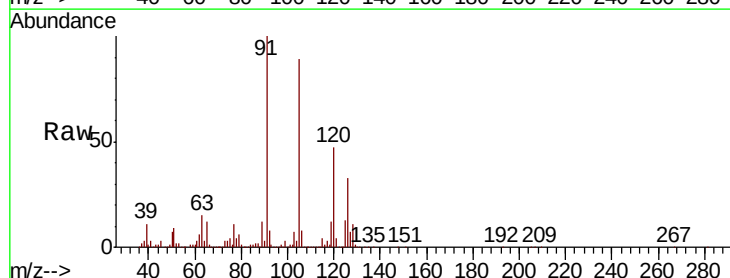
RT: 11.51 min Scan# 1742

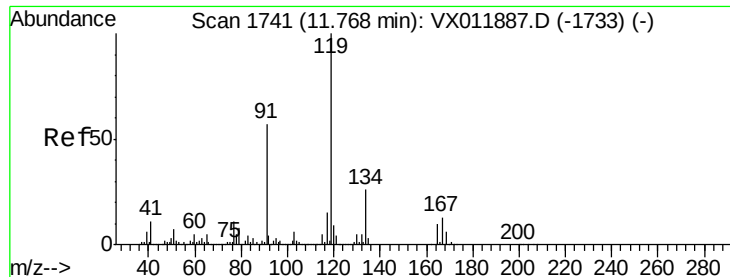
Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Tgt Ion:	91	Resp:	721495
Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.9	47.6





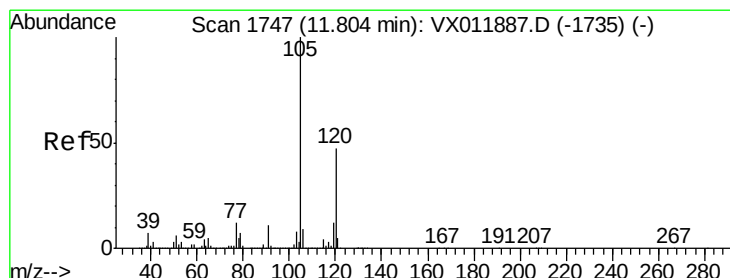
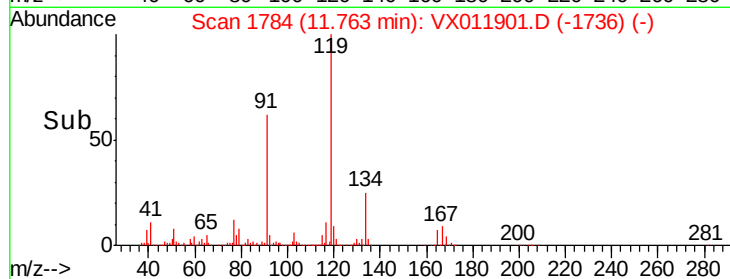
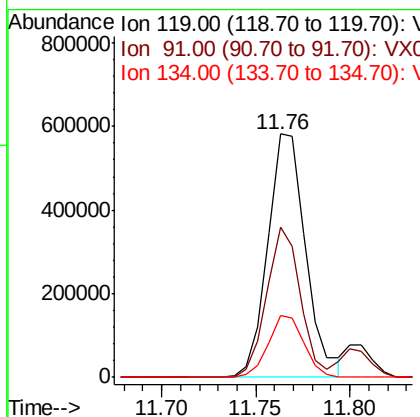
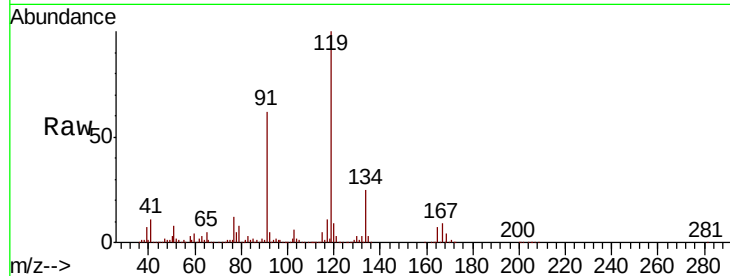
#83
 tert-Butylbenzene
 Concen: 58.675 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	812196		
91	55.0	27.9	83.6	
134	23.9	12.3	36.8	

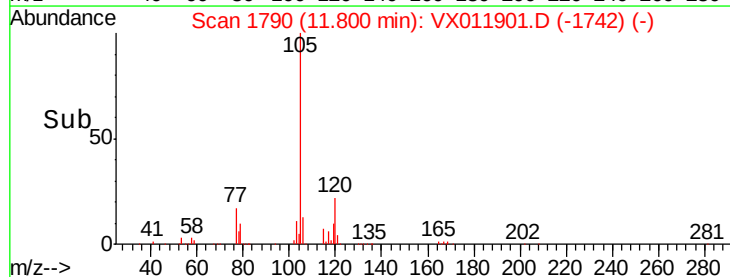
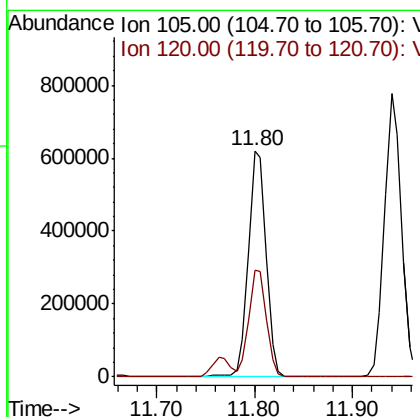
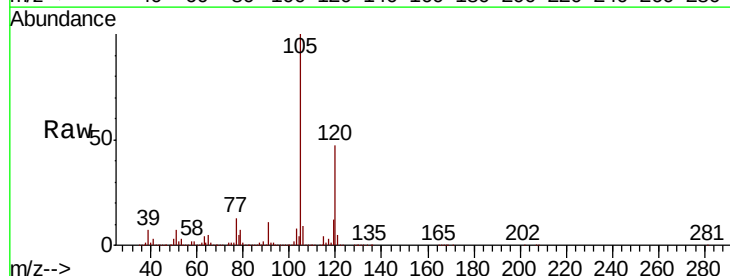
Manual Integrations
 APPROVED

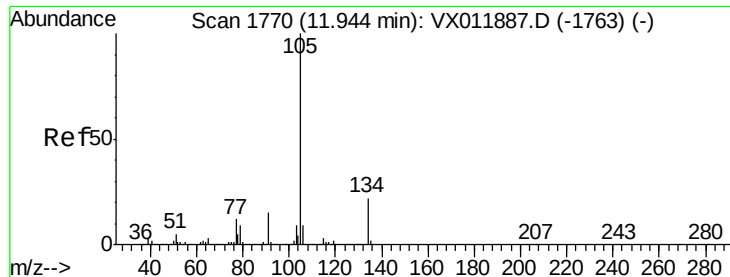
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.935 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	782005		
120	46.8	23.4	70.3	





#85

sec-Butylbenzene

Concen: 58.419 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 939271

Ion Ratio Lower Upper

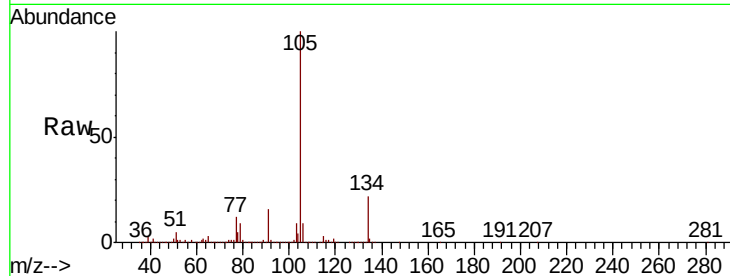
105 100

134 22.1 10.9 32.7

Manual Integrations
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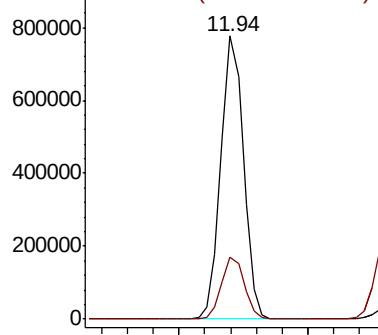
sam

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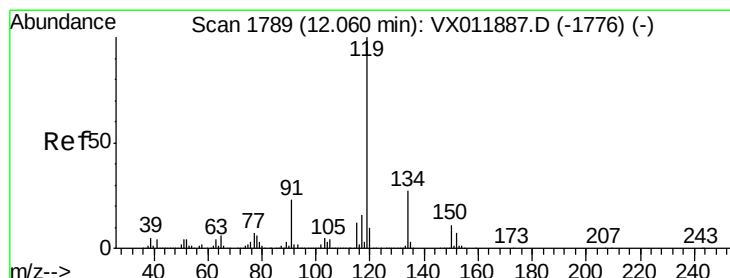
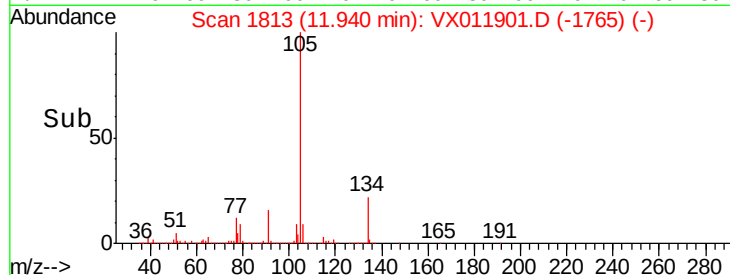


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 58.064 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

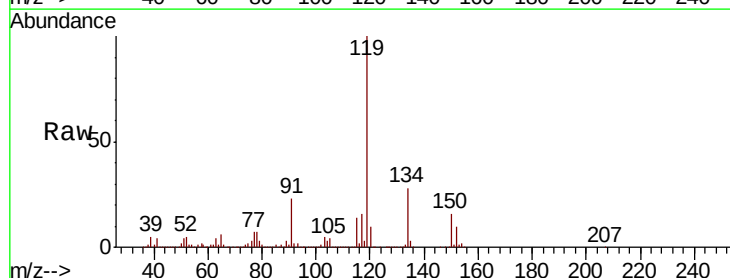
Tgt Ion:119 Resp: 905241

Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.0

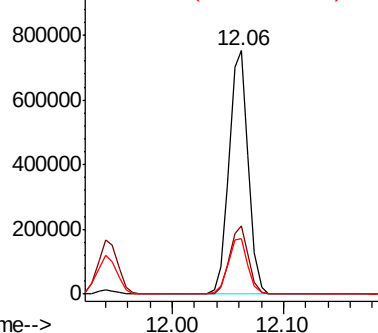
91 23.1 11.6 34.7



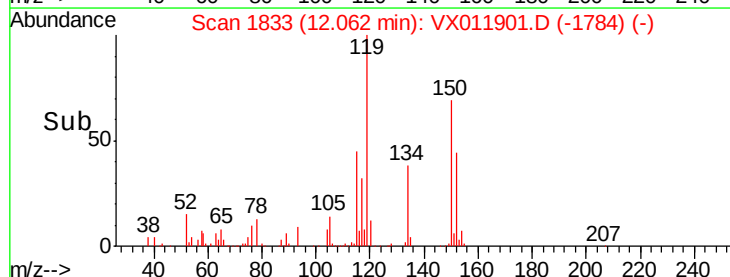
Abundance Ion 119.00 (118.70 to 119.70): V

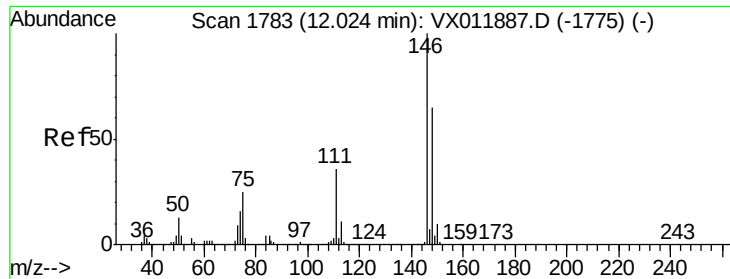
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





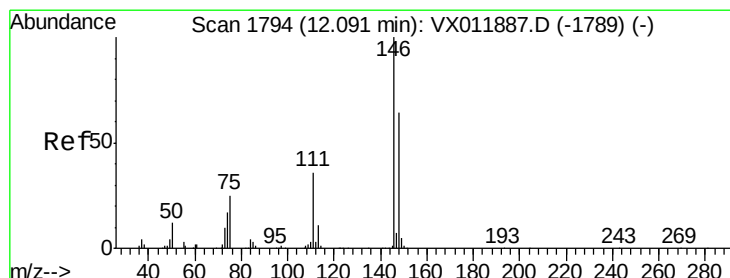
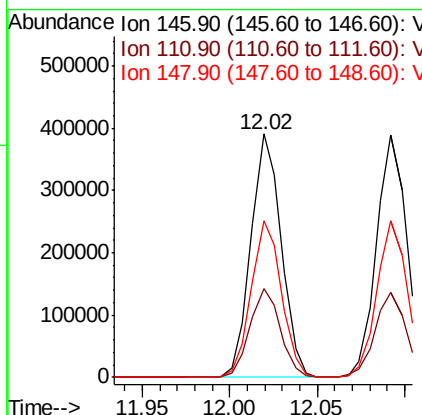
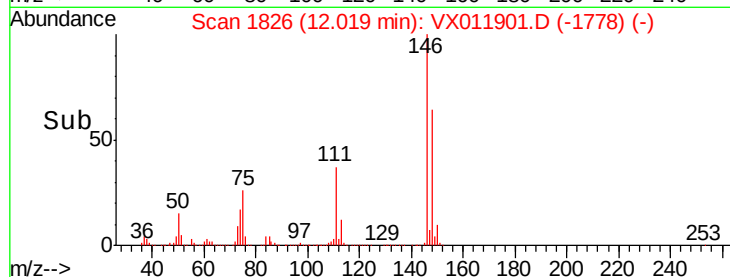
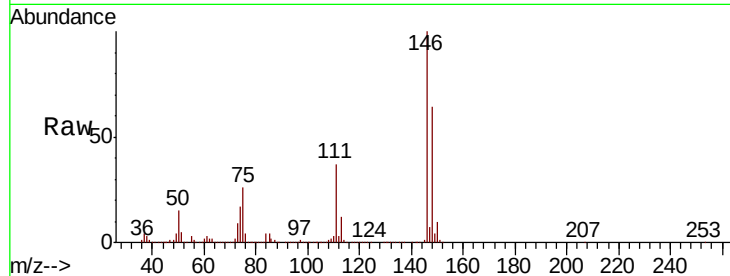
#87
 1,3-Dichlorobenzene
 Concen: 55.518 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.2
148	63.9	32.1	96.5

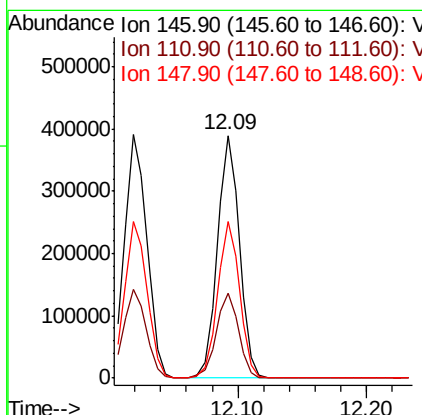
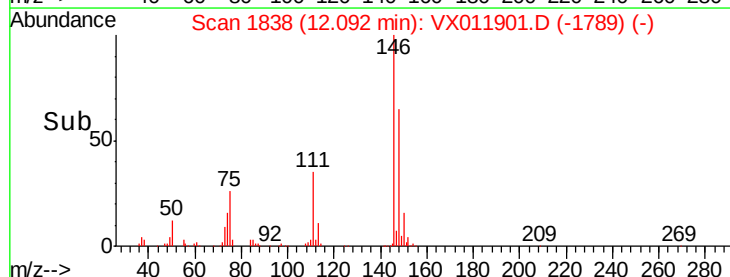
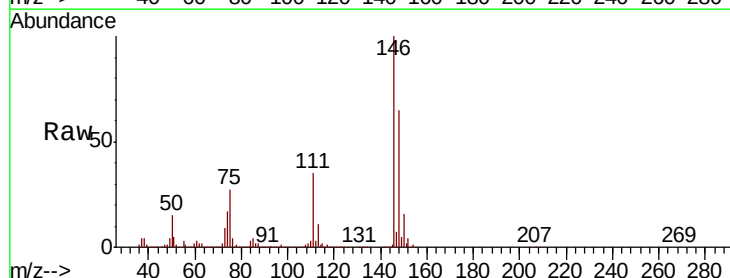
Manual Integrations
 APPROVED

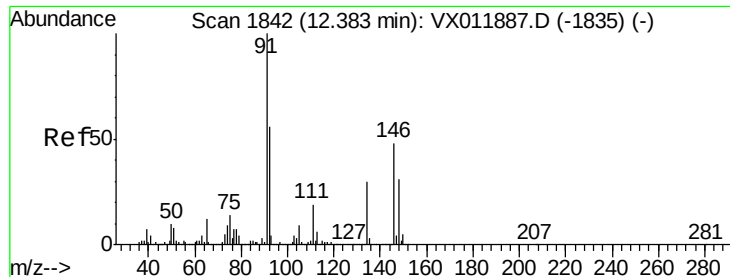
sam
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#88
 1,4-Dichlorobenzene
 Concen: 54.630 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.9	53.7
148	64.4	32.4	97.0





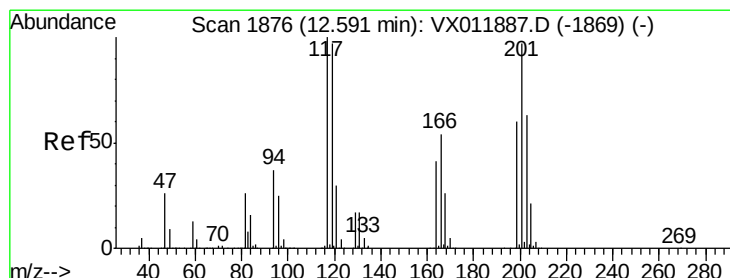
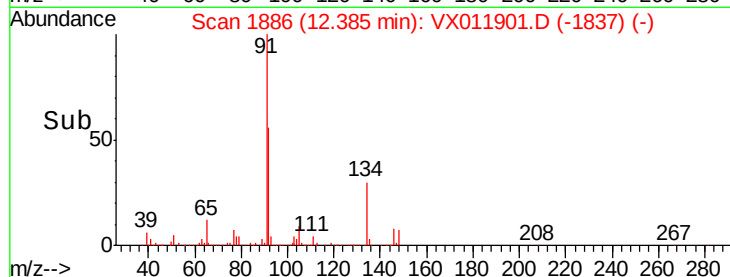
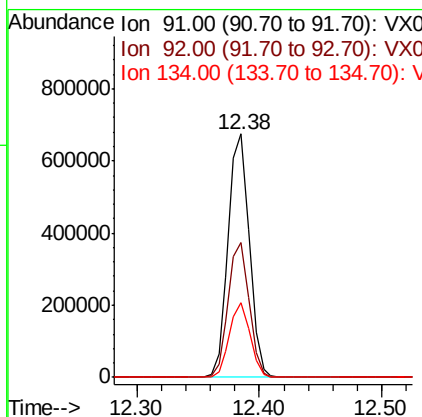
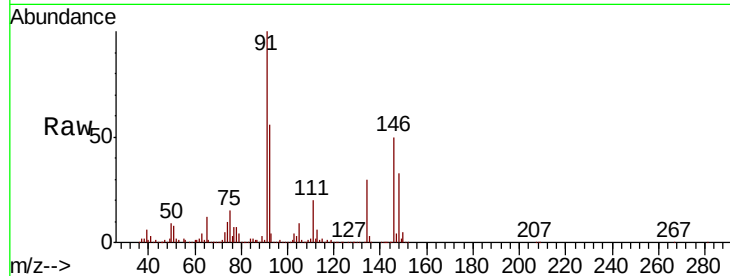
#89
n-Butylbenzene
Concen: 58.415 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.6	82.8
134	29.9	14.8	44.3

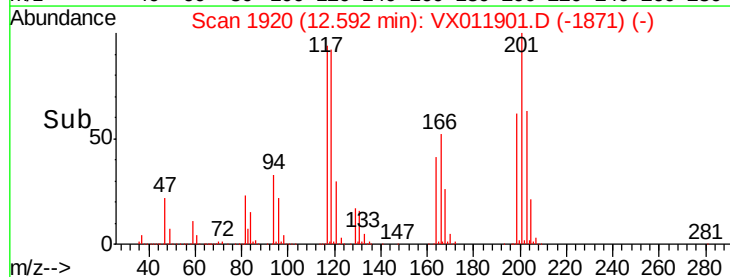
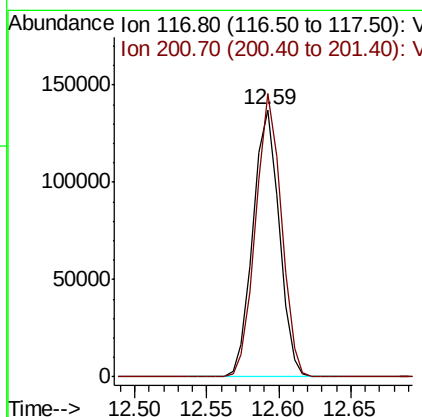
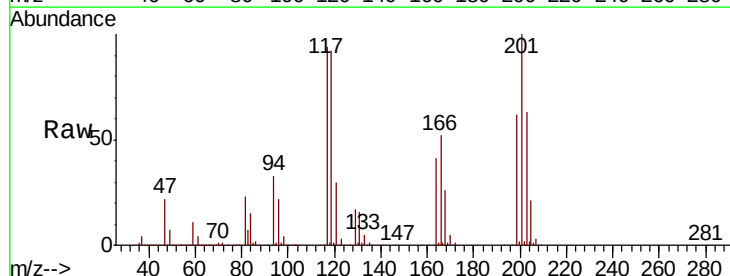
Manual Integrations
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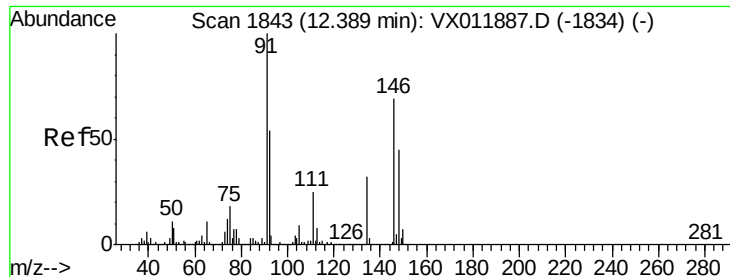
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#90
Hexachloroethane
Concen: 57.020 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX011901.D
Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.0	52.8	158.5





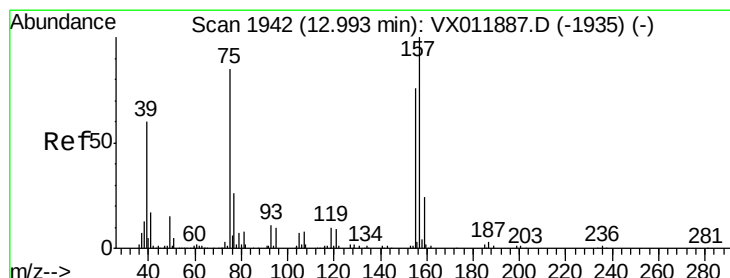
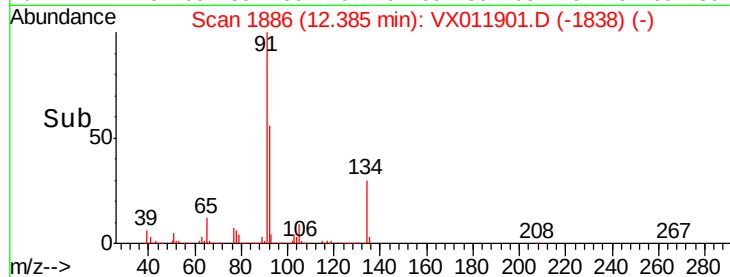
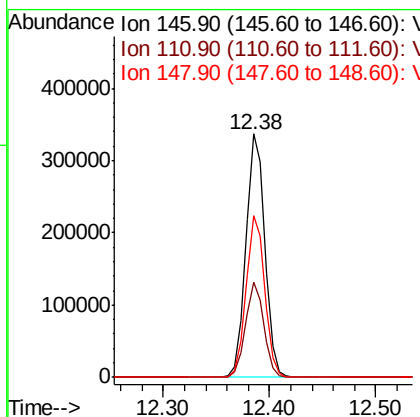
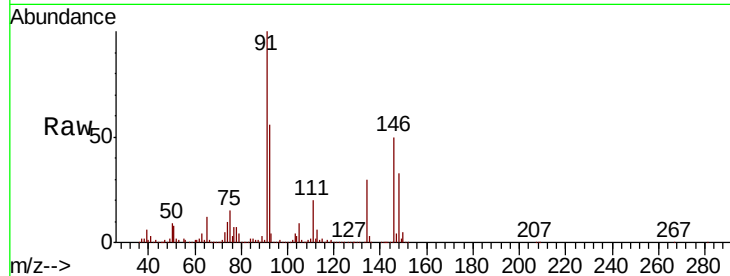
#91
 1,2-Dichlorobenzene
 Concen: 52.990 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	419698		
111	38.0	18.9	56.5	
148	65.7	32.1	96.3	

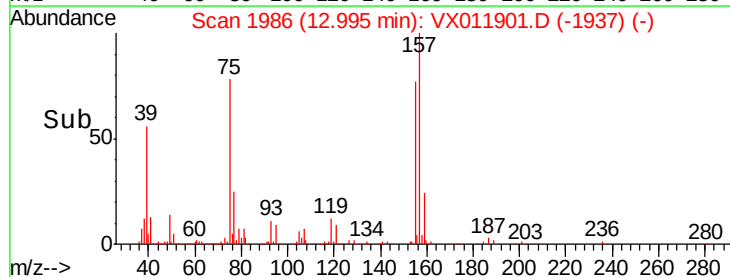
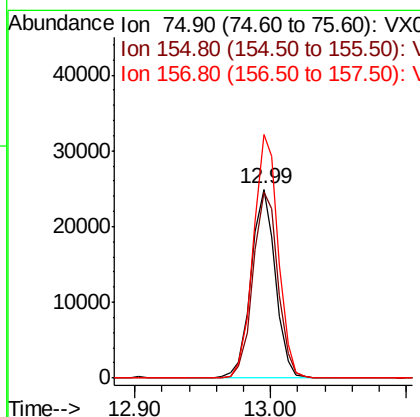
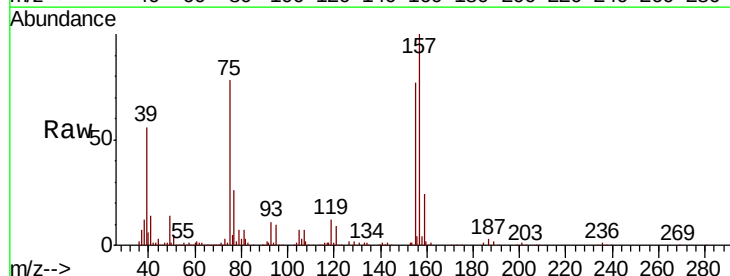
Manual Integrations
 APPROVED

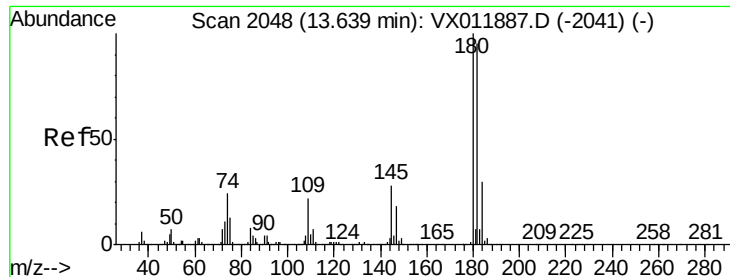
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.593 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31309		
155	101.5	50.1	150.4	
157	131.7	63.9	191.7	





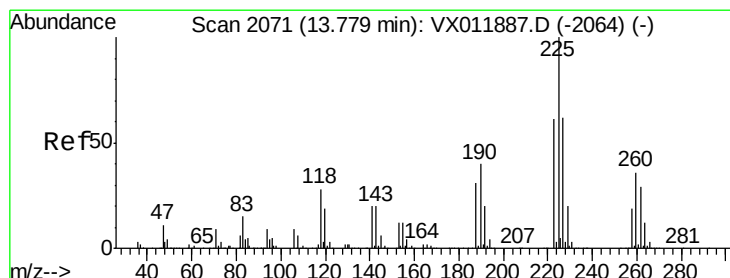
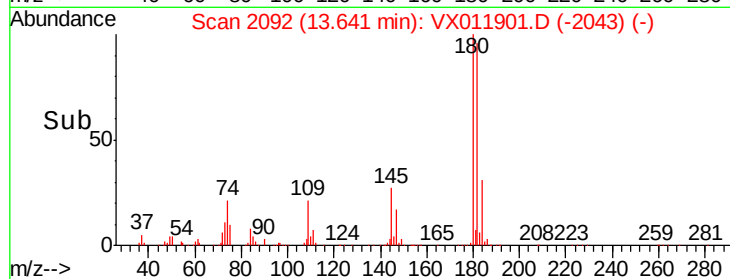
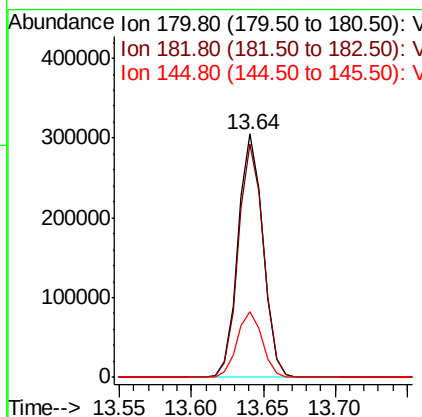
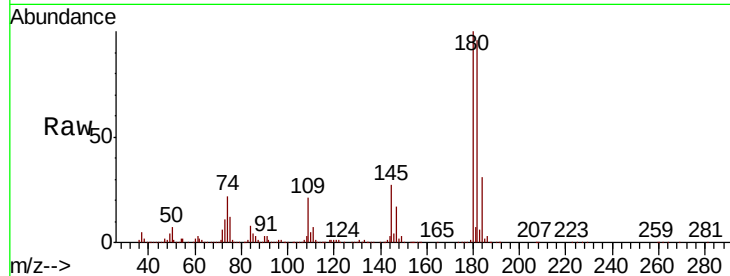
#93
 1,2,4-Trichlorobenzene
 Concen: 55.233 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	368348
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.1	144.4
145	27.3	13.8	41.3

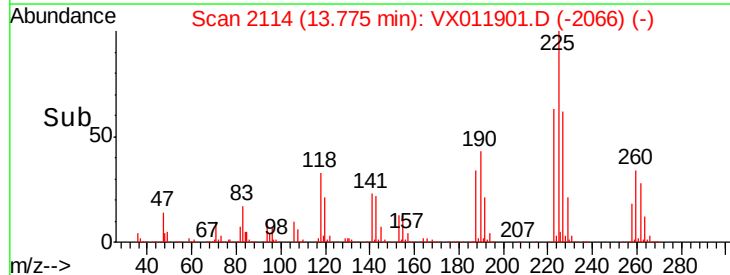
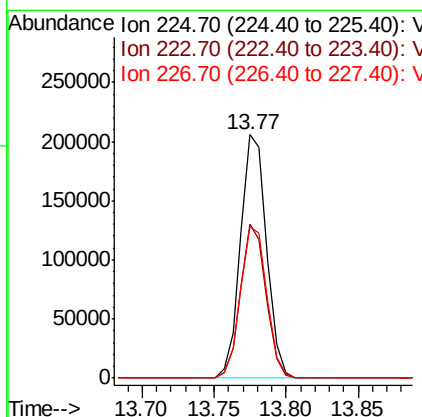
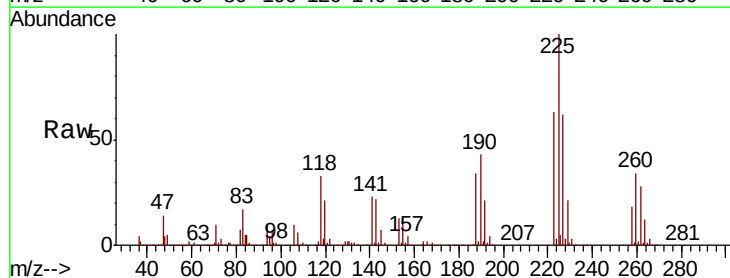
Manual Integrations
 APPROVED

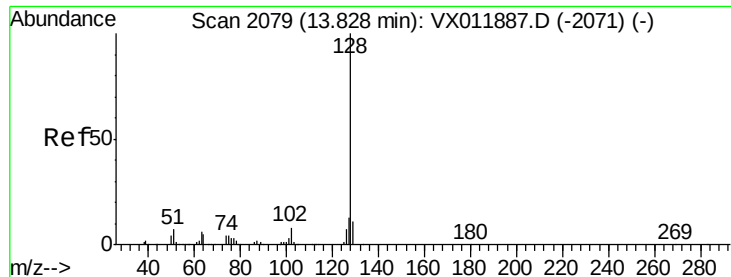
sam
 9/3/2019 2:12:06 PM



#94
 Hexachlorobutadiene
 Concen: 57.782 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX011901.D
 Acq: 30 Aug 2019 10:17

Tgt Ion:	225	Resp:	257347
Ion Ratio	Lower	Upper	
225	100		
223	61.9	30.8	92.3
227	63.1	31.9	95.7





#95

Naphthalene

Concen: 50.588 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Instrument :

MSVOA_X

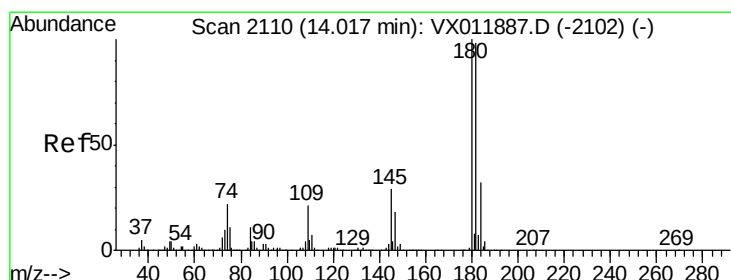
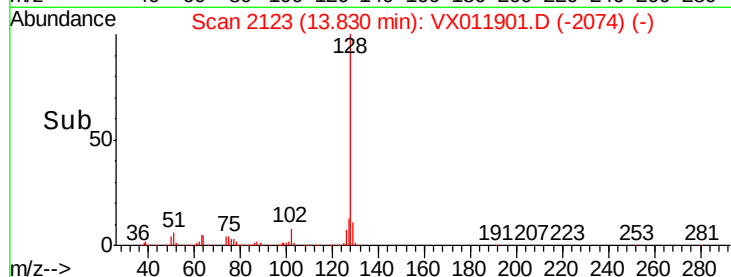
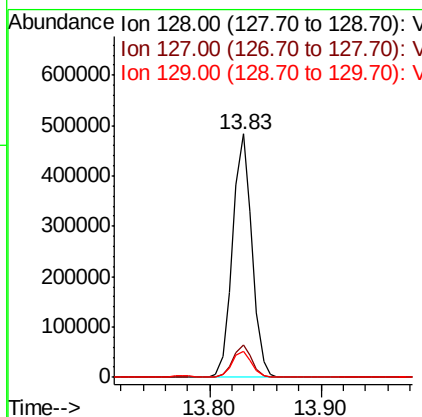
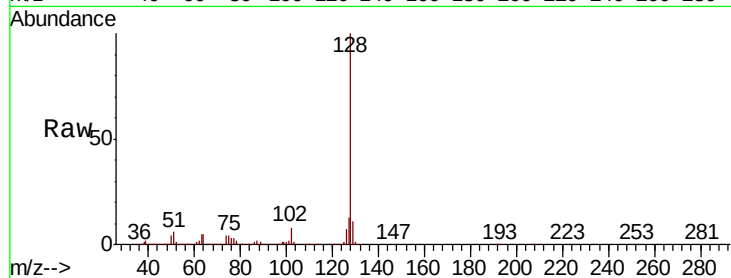
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	579009
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
APPROVED

sam
9/3/2019 2:12:06 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.993 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX011901.D

Acq: 30 Aug 2019 10:17

Tgt Ion:	180	Resp:	325615
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.3	144.8
145	29.0	14.6	43.8

