

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006190.D
 Acq On : 26 Nov 2018 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:41 AM

Quant Time: Nov 27 04:16:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394657	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	166267	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
35) Dibromofluoromethane	5.51	113	133907	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	8.71	98	506272	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.14	95	188353	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100730	49.18	ug/l	99
3) Chloromethane	1.32	50	116825	45.15	ug/l	96
4) Vinyl Chloride	1.41	62	121485	46.16	ug/l	98
5) Bromomethane	1.64	94	91583	45.60	ug/l	96
6) Chloroethane	1.71	64	72052	58.39	ug/l	99
7) Trichlorofluoromethane	1.93	101	167604	48.68	ug/l	100
8) Diethyl Ether	2.19	74	69412	47.70	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106940	52.38	ug/l	99
10) Methyl Iodide	2.51	142	147859	57.77	ug/l	98
11) Tert butyl alcohol	3.07	59	174399	256.70	ug/l	99
12) 1,1-Dichloroethene	2.37	96	95416	47.94	ug/l	98
13) Acrolein	2.29	56	102506	252.14	ug/l	100
14) Allyl chloride	2.73	41	248096	60.93	ug/l	96
15) Acrylonitrile	3.15	53	375307	250.10	ug/l	98
16) Acetone	2.45	43	435157	307.05	ug/l	100
17) Carbon Disulfide	2.57	76	340932	63.44	ug/l	98
18) Methyl Acetate	2.78	43	243800	67.08	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	340718	49.53	ug/l	100
20) Methylene Chloride	2.85	84	132337	61.78	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	102785	49.36	ug/l	94
22) Diisopropyl ether	3.87	45	457668	52.51	ug/l	99
23) Vinyl Acetate	3.82	43	1981350	274.00	ug/l	100
24) 1,1-Dichloroethane	3.70	63	225743	54.97	ug/l	99
25) 2-Butanone	4.70	43	671472	255.26	ug/l	100
26) 2,2-Dichloropropane	4.58	77	167257	49.42	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	139547	47.95	ug/l	99
28) Bromochloromethane	5.02	49	120799	50.47	ug/l	99
29) Tetrahydrofuran	5.16	42	436356	265.92	ug/l	100
30) Chloroform	5.21	83	246870	49.61	ug/l	99
31) Cyclohexane	5.57	56	206117	48.05	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	208428	51.87	ug/l	99
36) 1,1-Dichloropropene	5.80	75	177426	49.42	ug/l	99
37) Ethyl Acetate	4.85	43	240099	51.98	ug/l	99
38) Carbon Tetrachloride	5.78	117	181672	53.83	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	202540	49.52	ug/l	98
40) Benzene	6.14	78	537695	50.83	ug/l	100
41) Methacrylonitrile	5.06	41	130384	51.22	ug/l	99
42) 1,2-Dichloroethane	6.20	62	201841	51.04	ug/l	100
43) Isopropyl Acetate	6.46	43	355512	53.29	ug/l	99
44) Trichloroethene	7.21	130	145995	49.66	ug/l	99
45) 1,2-Dichloropropane	7.52	63	142885	51.04	ug/l	100
46) Dibromomethane	7.66	93	98071	51.15	ug/l	99
47) Bromodichloromethane	7.90	83	190252	53.66	ug/l	98
48) Methyl methacrylate	7.77	41	191428	56.58	ug/l	99
49) 1,4-Dioxane	7.75	88	82379	1026.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1316364	275.25	ug/l	100
52) Toluene	8.79	92	346026	52.89	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	200886	54.29	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	217894	53.27	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	145577	51.38	ug/l	98
56) Ethyl methacrylate	9.18	69	221094	50.10	ug/l	99
57) 1,3-Dichloropropane	9.37	76	239909	51.37	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	620293	251.83	ug/l	100
59) 2-Hexanone	9.49	43	1053135	277.48	ug/l	99
60) Dibromochloromethane	9.59	129	153439	55.23	ug/l	99
61) 1,2-Dibromoethane	9.67	107	154749	53.01	ug/l	100
64) Tetrachloroethene	9.34	164	152997	49.36	ug/l	99
65) Chlorobenzene	10.14	112	393153	50.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	141858	53.48	ug/l	99
67) Ethyl Benzene	10.25	91	669303	52.91	ug/l	99
68) m/p-Xylenes	10.36	106	523580	106.29	ug/l	99
69) o-Xylene	10.70	106	247501	52.60	ug/l	99
70) Styrene	10.71	104	420593	54.82	ug/l	99
71) Bromoform	10.86	173	127751	53.81	ug/l	98
73) Isopropylbenzene	11.02	105	685921	52.53	ug/l	100
74) N-amyl acetate	10.90	43	330175	49.62	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	243198	49.42	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	232620m	52.35	ug/l	
77) Bromobenzene	11.26	156	183131	50.06	ug/l	100
78) n-propylbenzene	11.36	91	801918	52.73	ug/l	100
79) 2-Chlorotoluene	11.42	91	469320	51.01	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	584057	53.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69256	52.72	ug/l	98
82) 4-Chlorotoluene	11.51	91	555078	51.70	ug/l	100
83) tert-Butylbenzene	11.77	119	567420	52.79	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	600982	53.51	ug/l	100
85) sec-Butylbenzene	11.94	105	695949	52.94	ug/l	99
86) p-Isopropyltoluene	12.07	119	625211	53.34	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	335702	49.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	342088	48.92	ug/l	99
89) n-Butylbenzene	12.39	91	552611	52.07	ug/l	99
90) Hexachloroethane	12.60	117	100475	53.71	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	342087	49.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60441	52.93	ug/l	98

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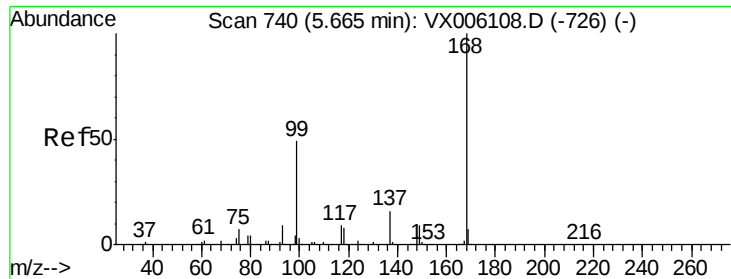
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	244586	50.35	ug/l	99
94) Hexachlorobutadiene	13.79	225	115232	48.67	ug/l	99
95) Naphthalene	13.83	128	784201	54.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251520	50.79	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 275617

Ion Ratio Lower Upper

168 100

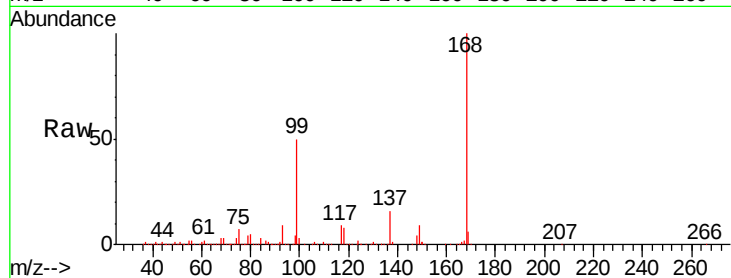
99 50.2 39.2 58.8

Manual Integrations

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11/27/2018 11:43:41 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

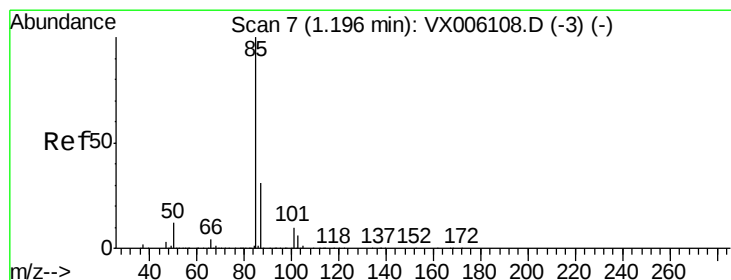
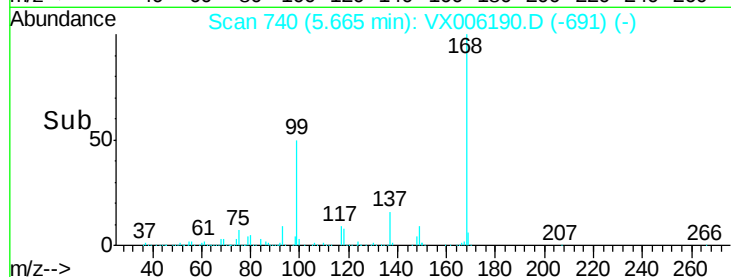
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.18 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006190.D

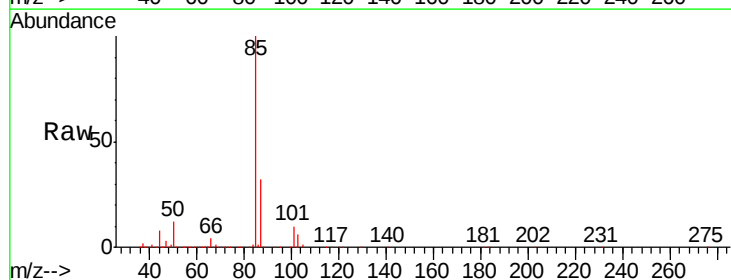
Acq: 26 Nov 2018 22:17

Tgt Ion: 85 Resp: 100730

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

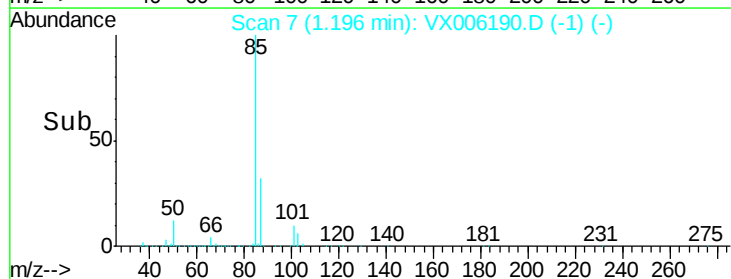
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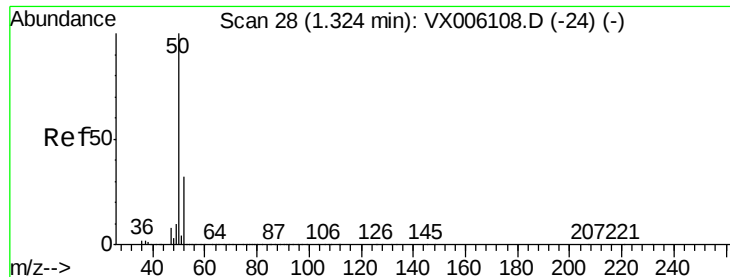
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.15 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 116825

Ion Ratio Lower Upper

50 100

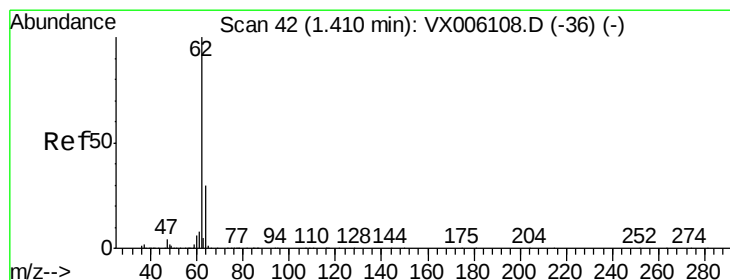
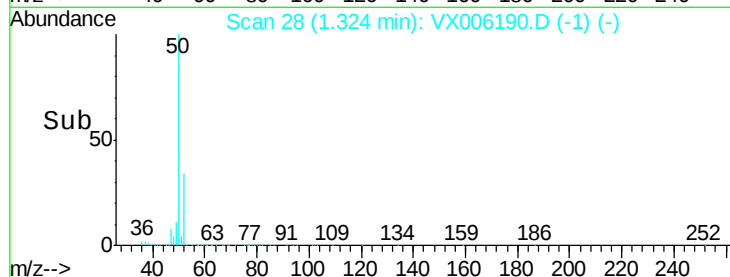
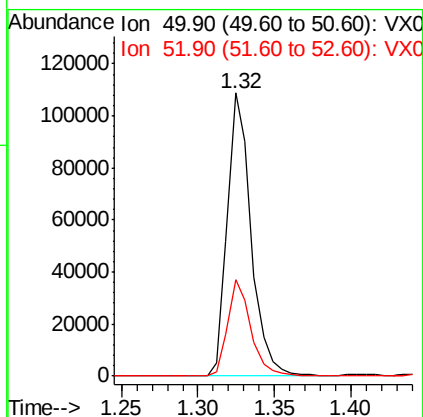
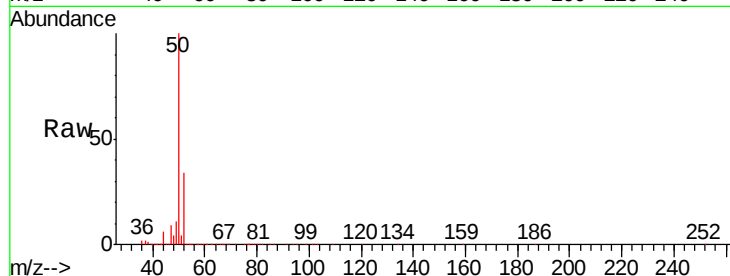
52 34.0 25.6 38.4

Manual Integrations

APPROVED

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11/27/2018 11:43:41 AM



#4

Vinyl Chloride

Concen: 46.16 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006190.D

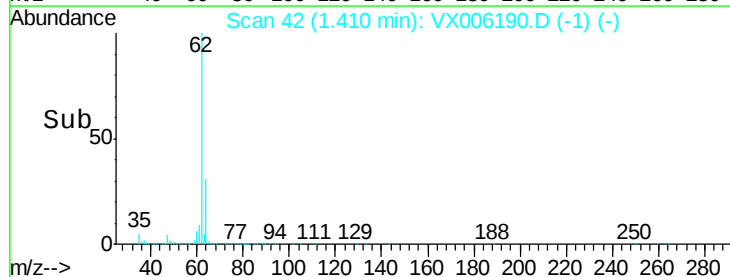
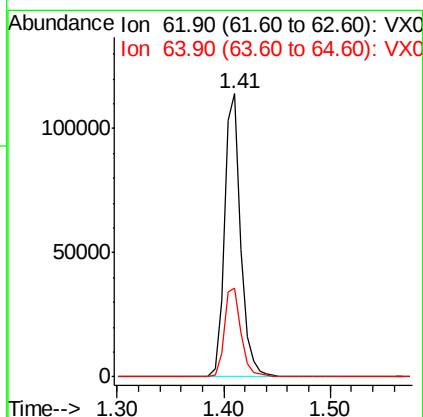
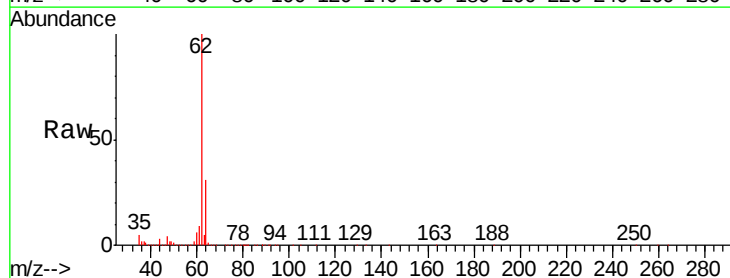
Acq: 26 Nov 2018 22:17

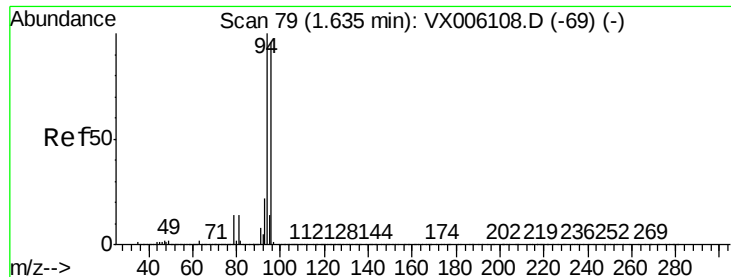
Tgt Ion: 62 Resp: 121485

Ion Ratio Lower Upper

62 100

64 31.3 24.2 36.4





#5

Bromomethane

Concen: 45.60 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 91583

Ion Ratio Lower Upper

94 100

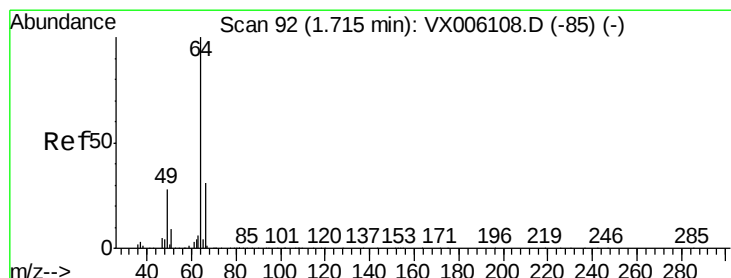
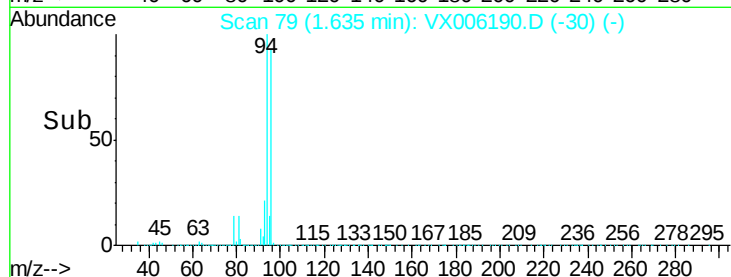
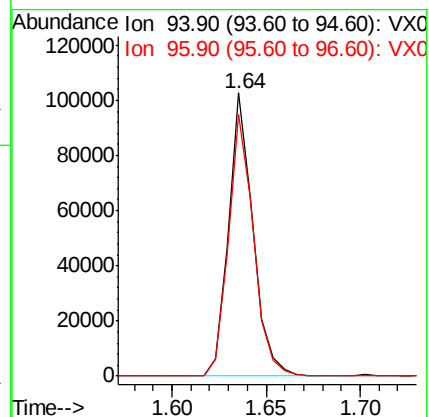
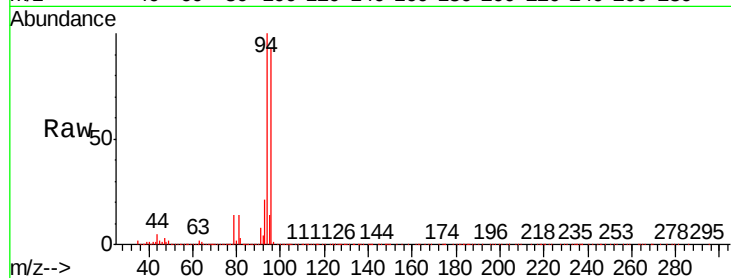
96 92.5 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 58.39 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006190.D

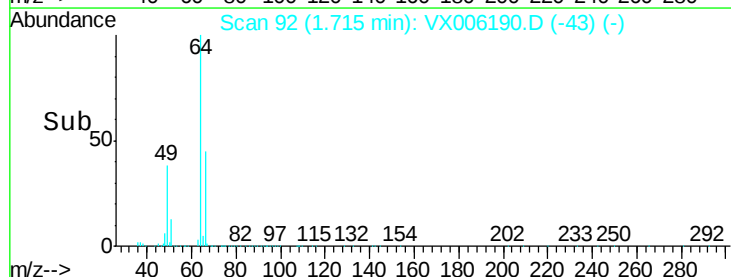
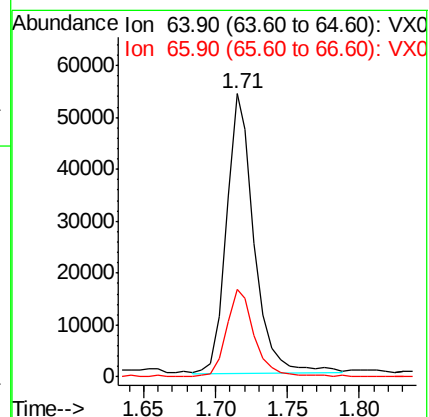
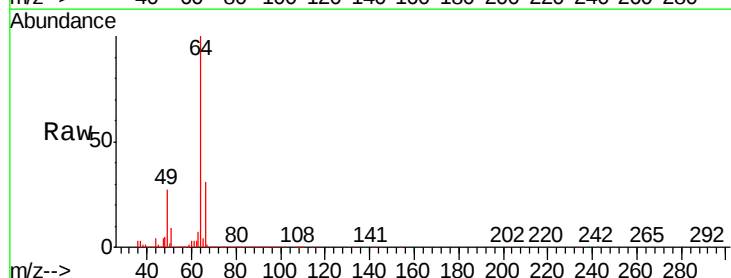
Acq: 26 Nov 2018 22:17

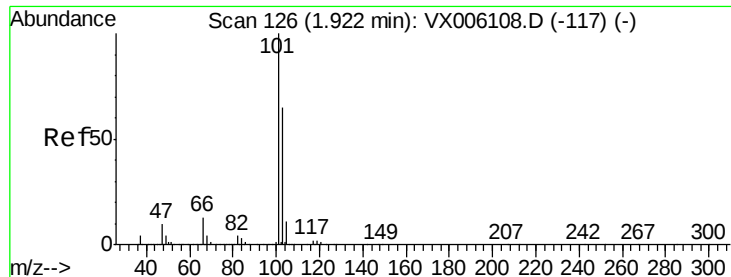
Tgt Ion: 64 Resp: 72052

Ion Ratio Lower Upper

64 100

66 31.0 25.1 37.7





#7

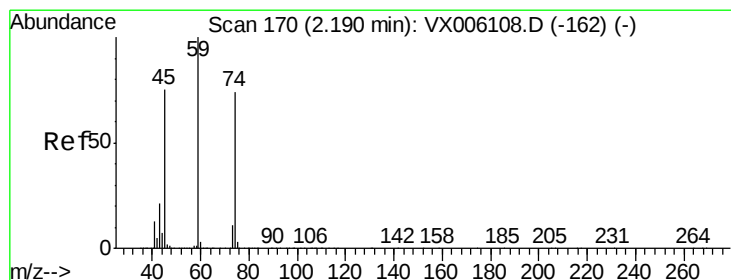
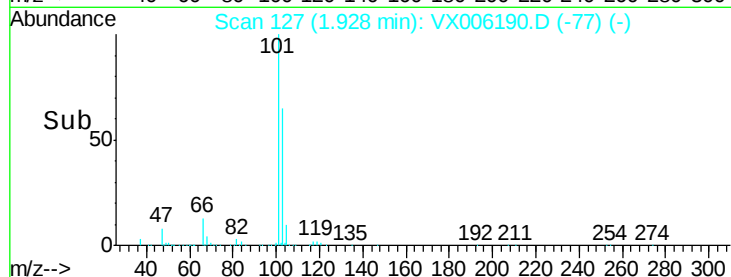
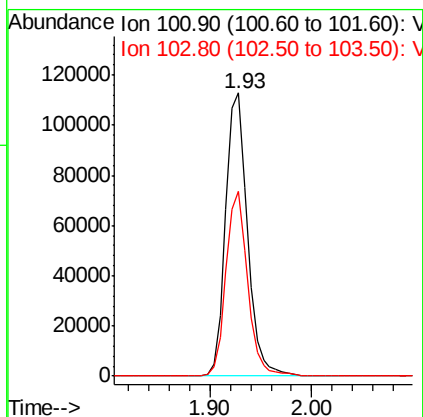
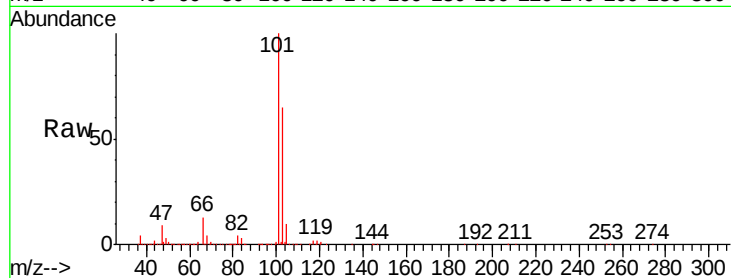
Trichlorofluoromethane
Concen: 48.68 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

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ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.1	78.1

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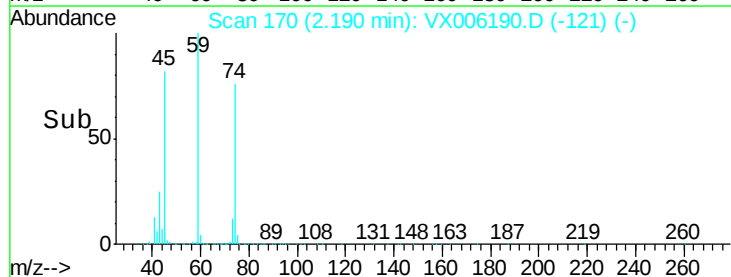
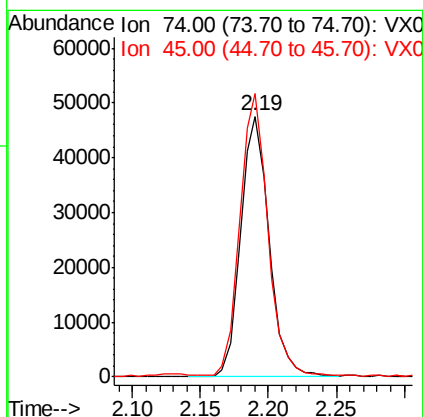
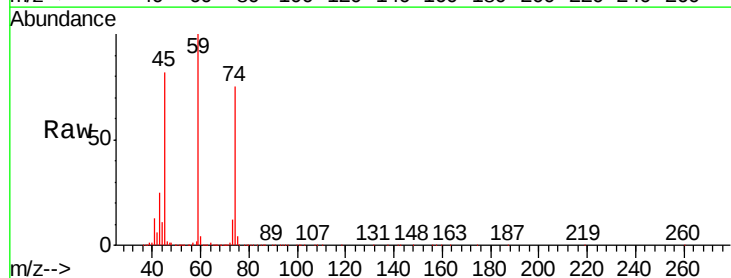
MMDadoda
11/27/2018 11:43:41 AM

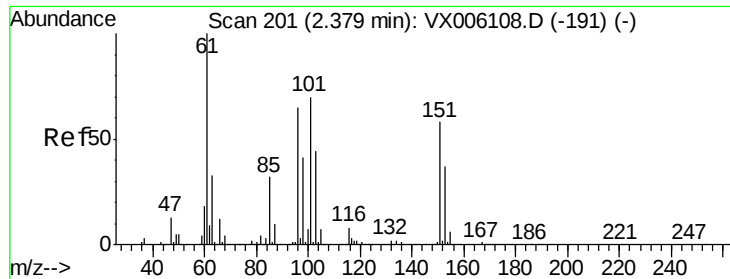


#8

Diethyl Ether
Concen: 47.70 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.9	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.38 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

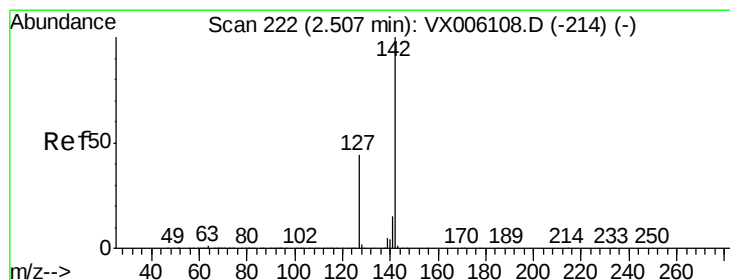
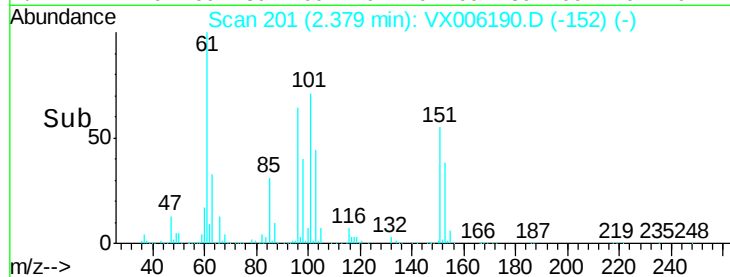
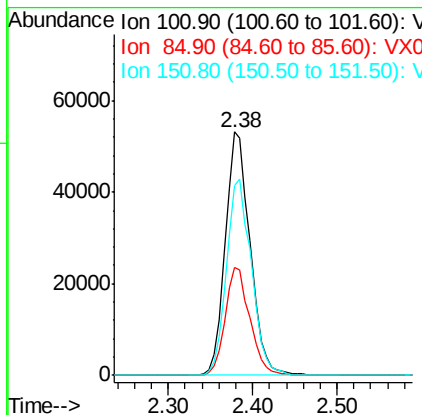
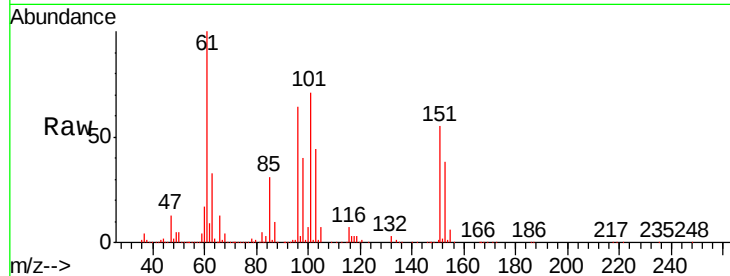
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	106940
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.0	54.0
151	81.1	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 57.77 ug/l

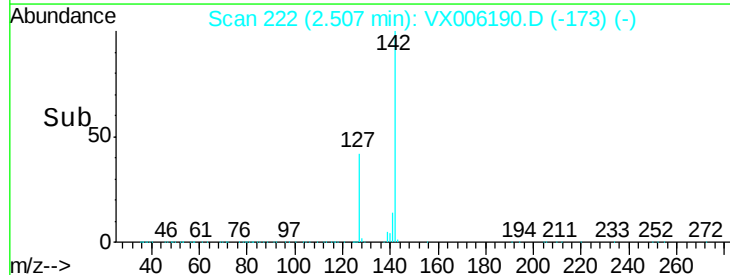
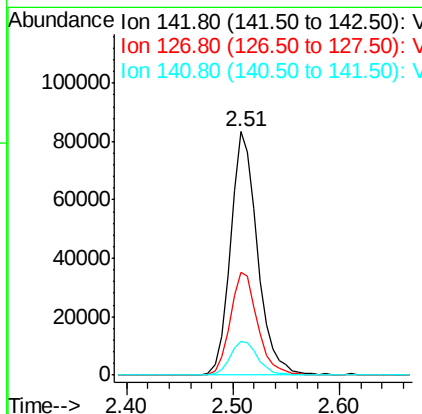
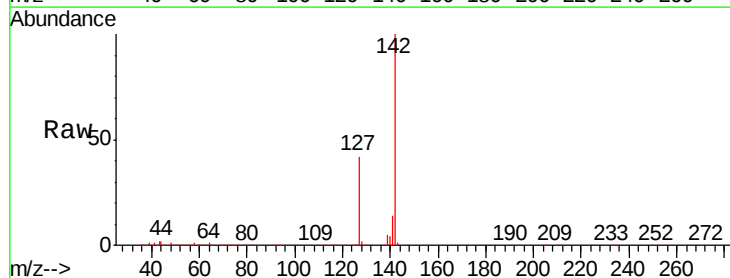
RT: 2.51 min Scan# 222

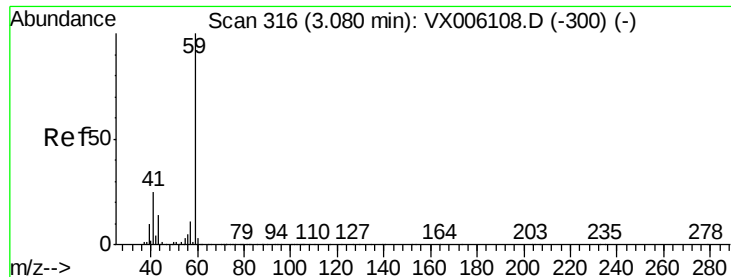
Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Tgt Ion:	142	Resp:	147859
Ion Ratio	Lower	Upper	
142	100		
127	42.9	36.0	54.0
141	14.6	11.7	17.5





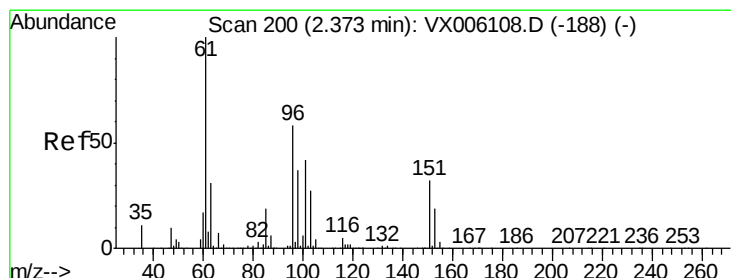
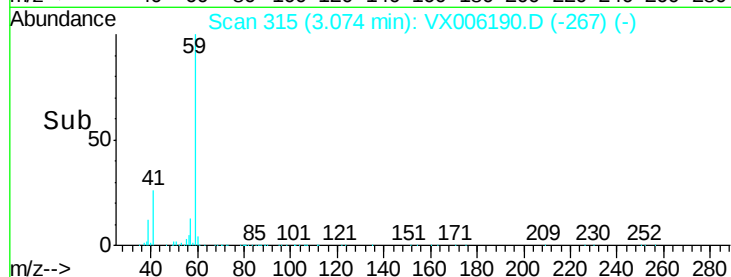
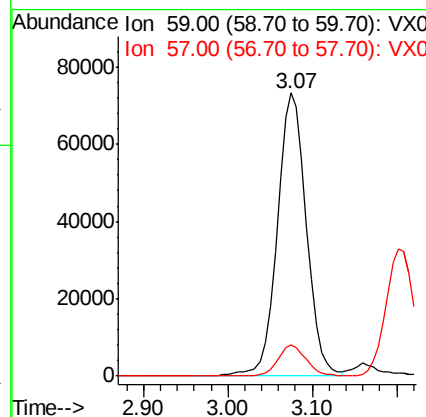
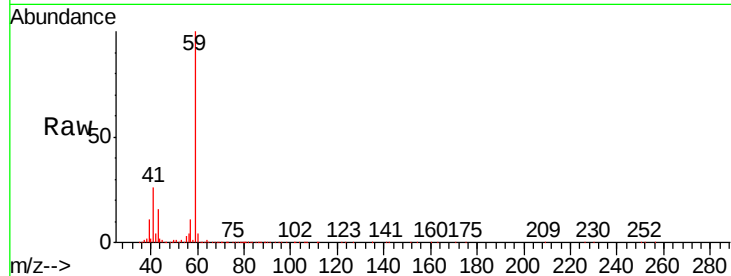
#11
Tert butyl alcohol
Concen: 256.70 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.7	13.1

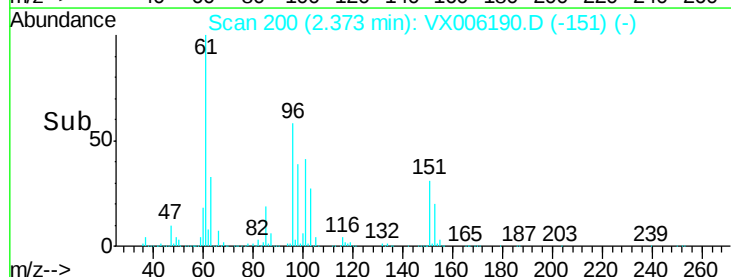
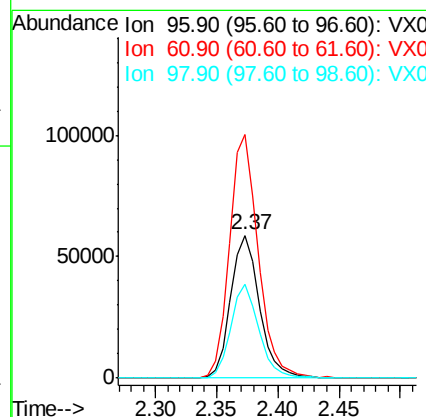
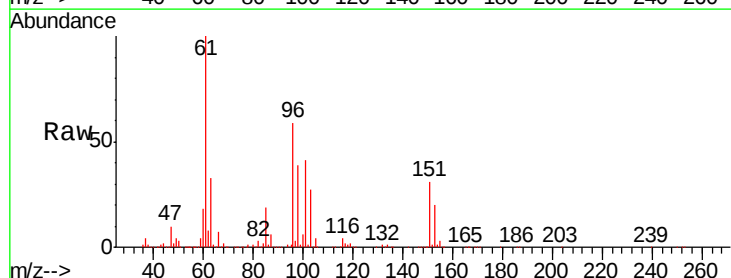
Manual Integrations
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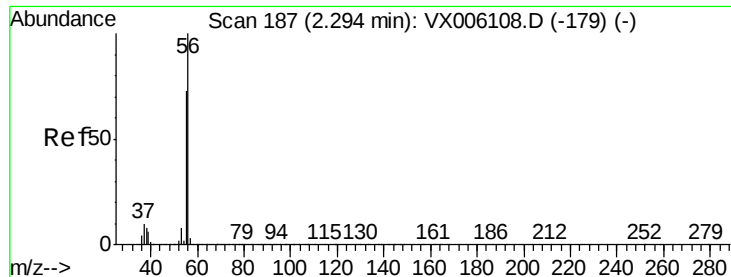
MMDadoda
11/27/2018 11:43:41 AM



#12
1,1-Dichloroethene
Concen: 47.94 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.6	138.2	207.4
98	65.9	51.3	76.9





#13

Acrolein

Concen: 252.14 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 102506

Ion Ratio Lower Upper

56 100

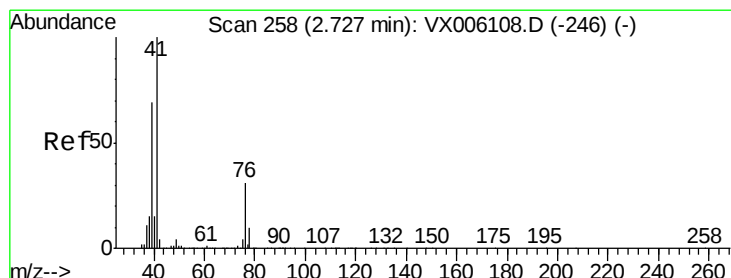
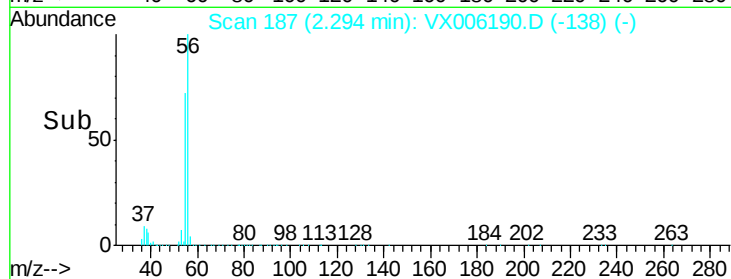
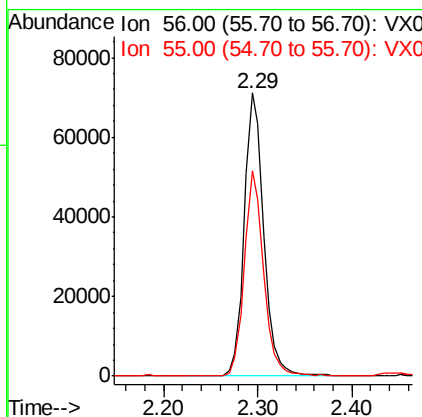
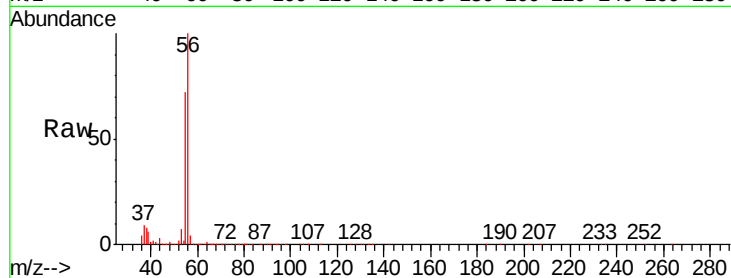
55 72.5 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 60.93 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

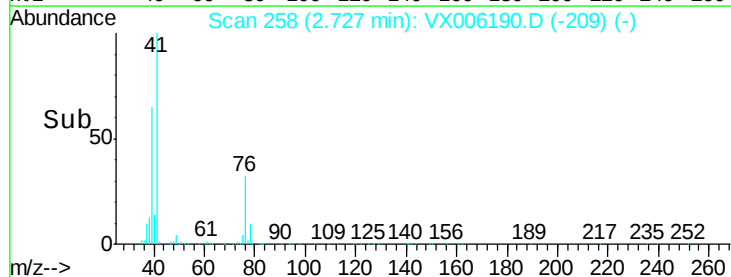
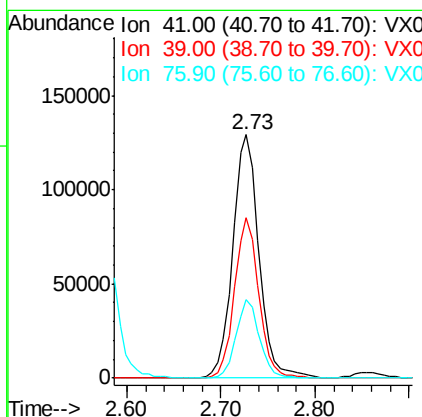
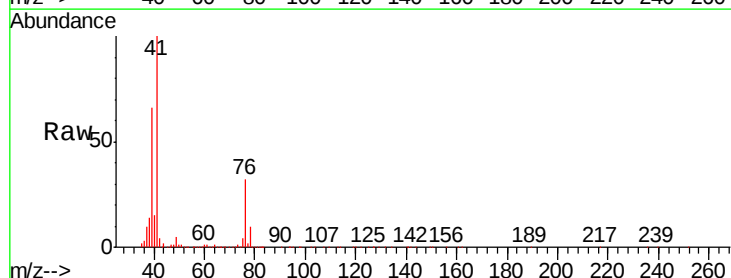
Tgt Ion: 41 Resp: 248096

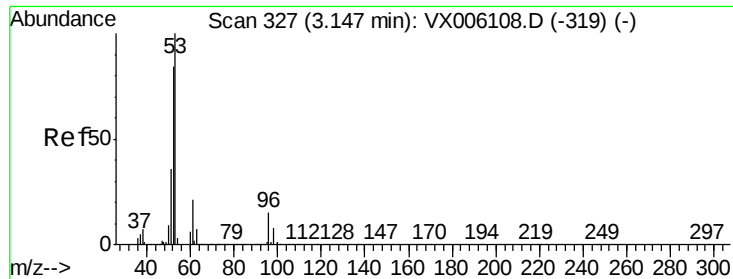
Ion Ratio Lower Upper

41 100

39 61.2 52.5 78.7

76 28.9 23.4 35.2





#15

Acrylonitrile

Concen: 250.10 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

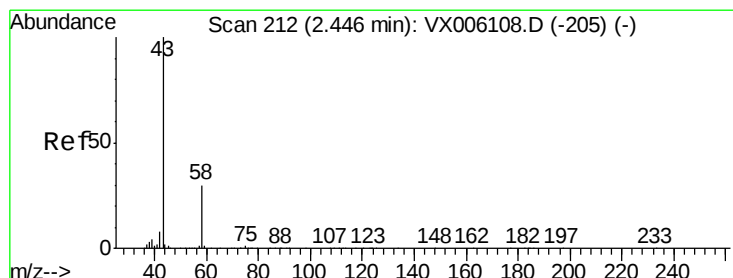
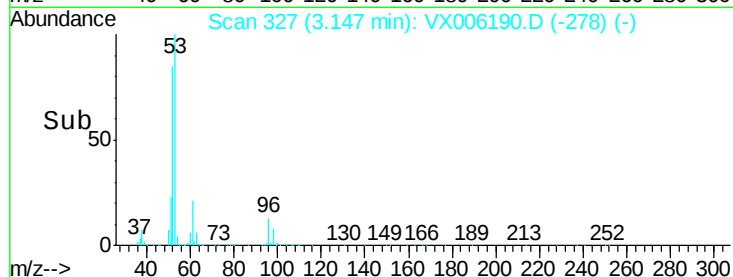
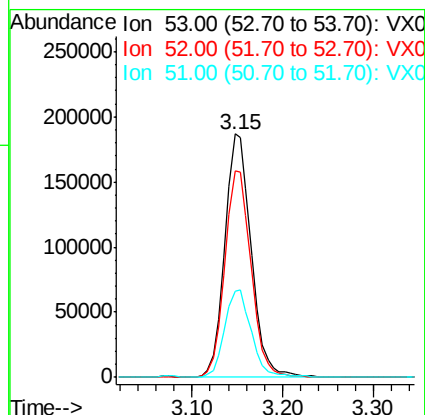
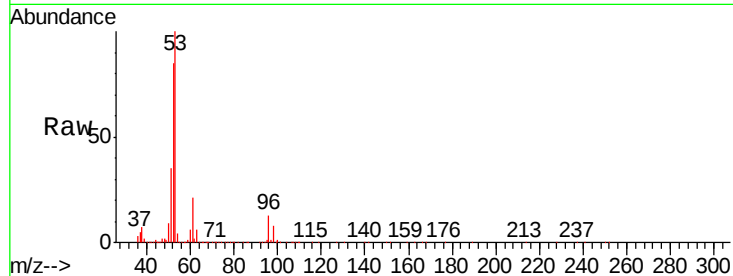
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	375307
Ion	Ratio	Lower	Upper
53	100		
52	85.1	66.4	99.6
51	36.7	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 307.05 ug/l

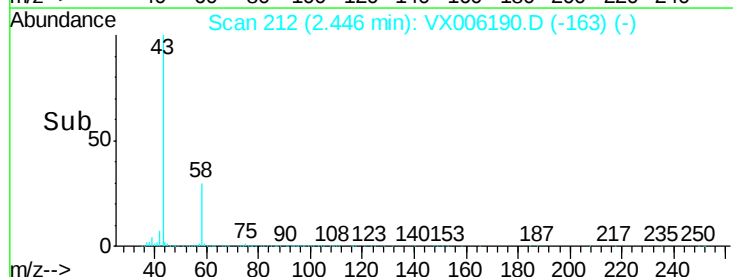
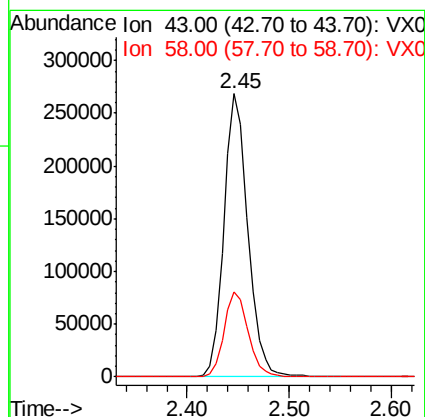
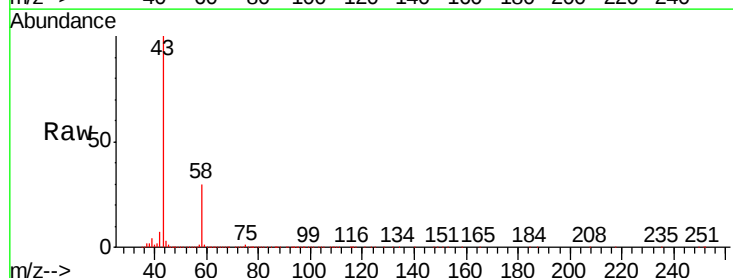
RT: 2.45 min Scan# 212

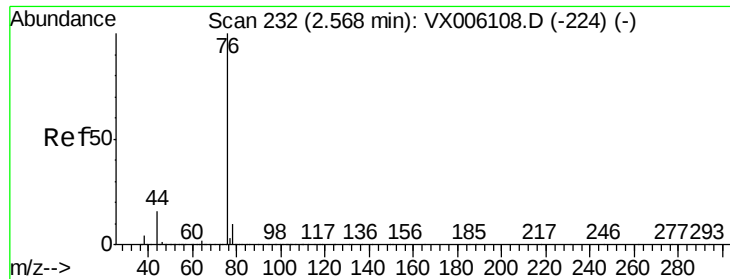
Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Tgt Ion:	43	Resp:	435157
Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.8	35.8





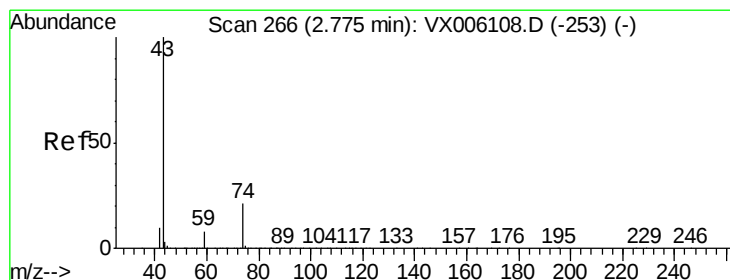
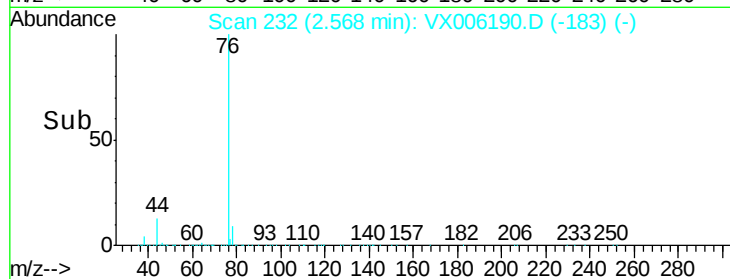
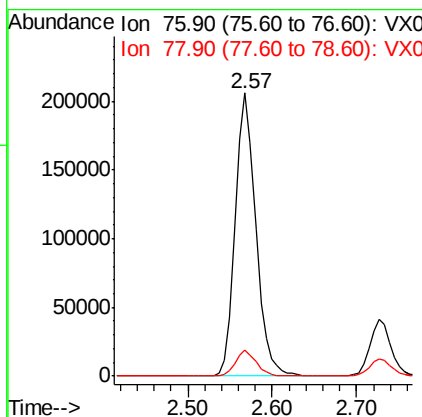
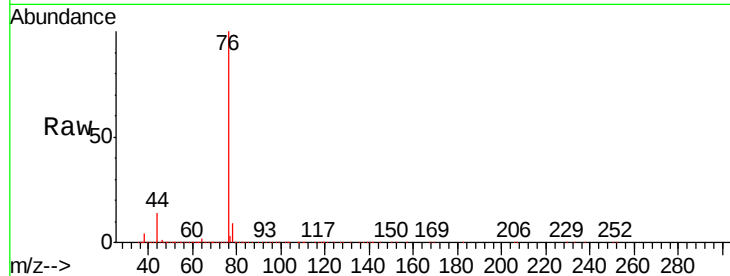
#17
Carbon Disulfide
Concen: 63.44 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.7	11.5

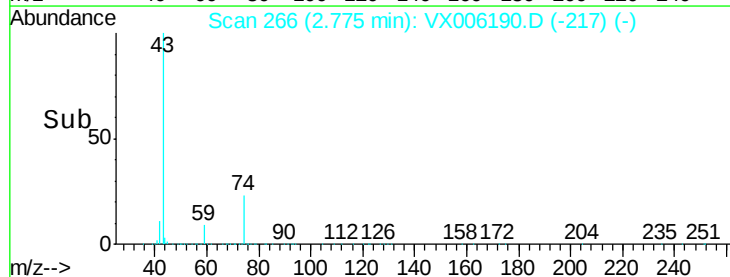
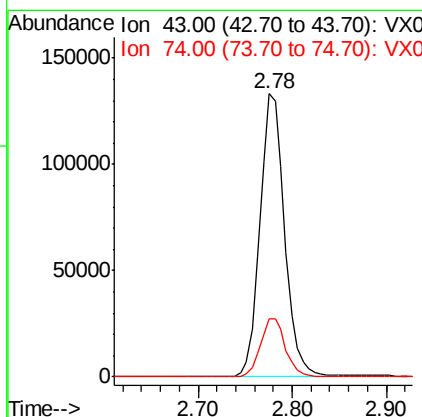
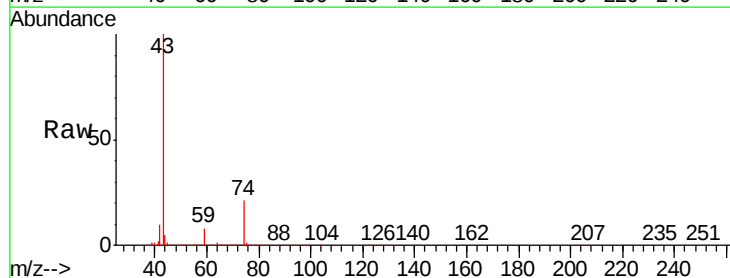
Manual Integrations
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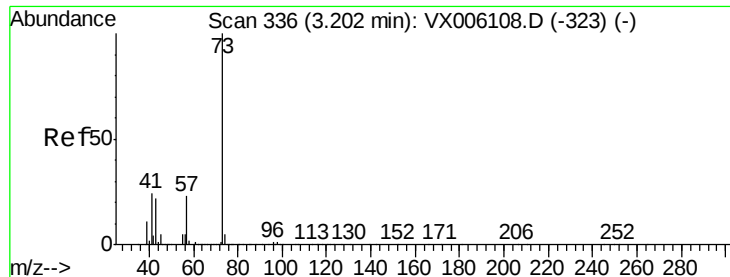
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#18
Methyl Acetate
Concen: 67.08 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.3	25.9





#19

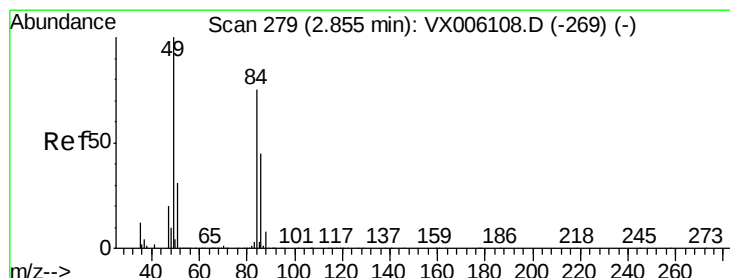
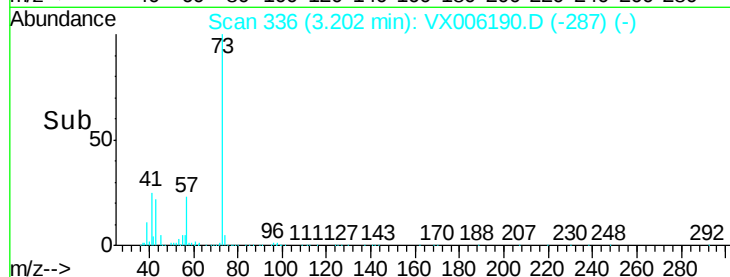
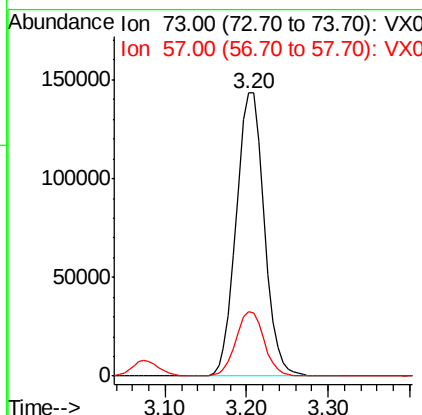
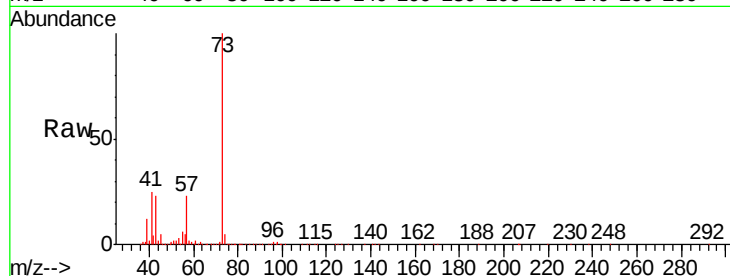
Methyl tert-butyl Ether
Concen: 49.53 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.2	27.4

Manual Integrations
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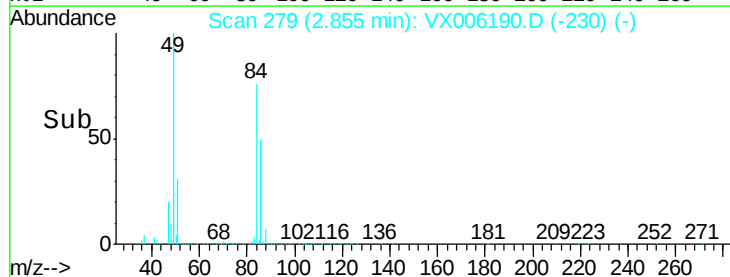
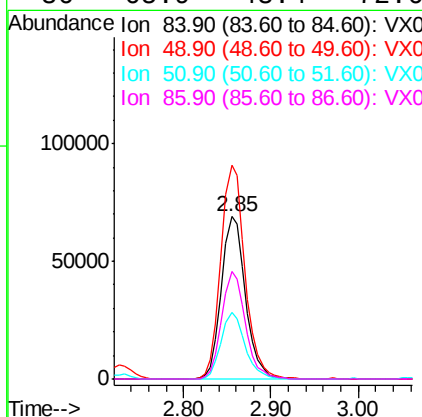
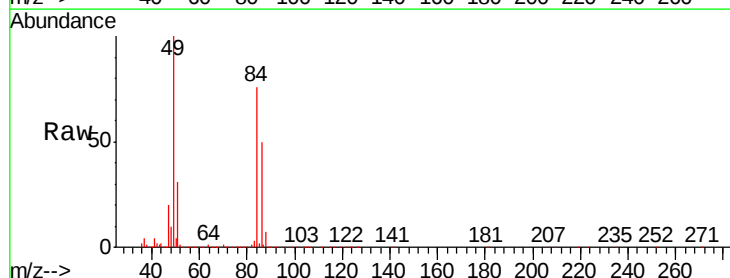
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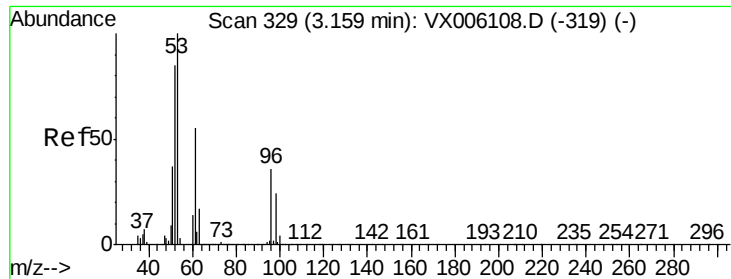


#20

Methylene Chloride
Concen: 61.78 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.4	106.6	159.8
51	41.1	32.6	49.0
86	65.9	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 49.36 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

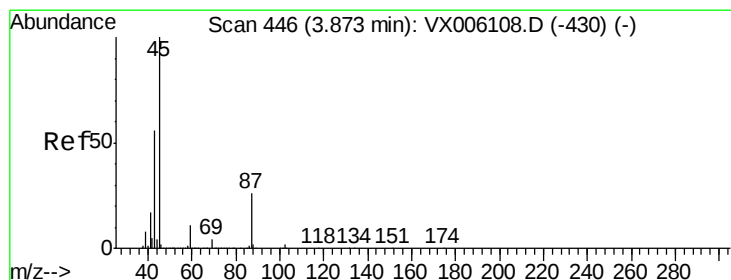
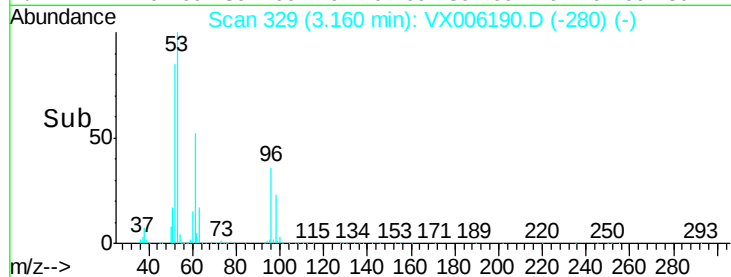
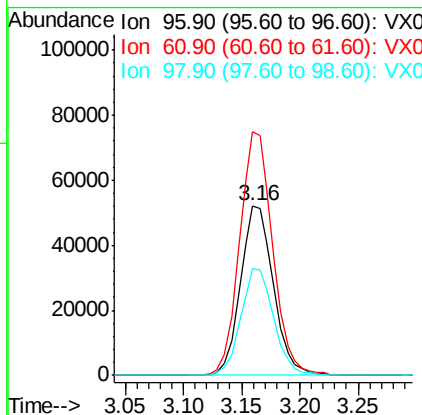
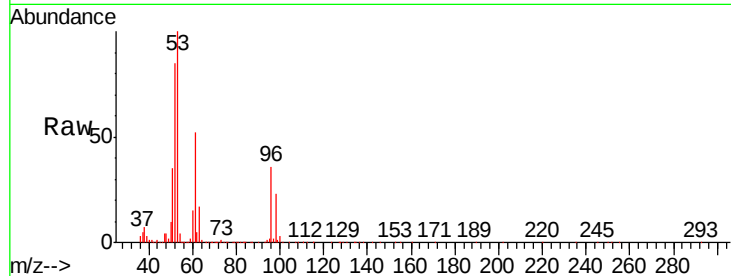
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	102785
Ion	Ratio	Lower	Upper
96	100		
61	143.1	122.0	183.0
98	62.8	52.7	79.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.51 ug/l

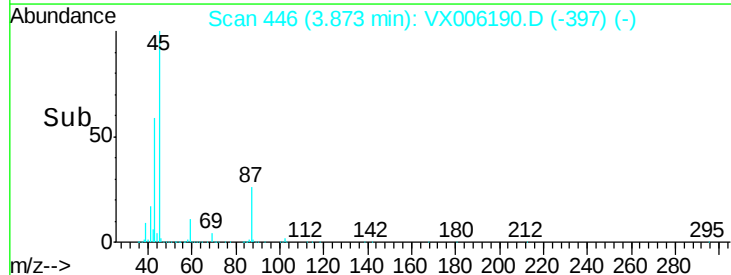
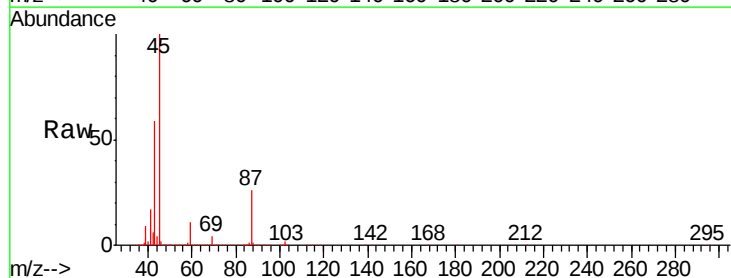
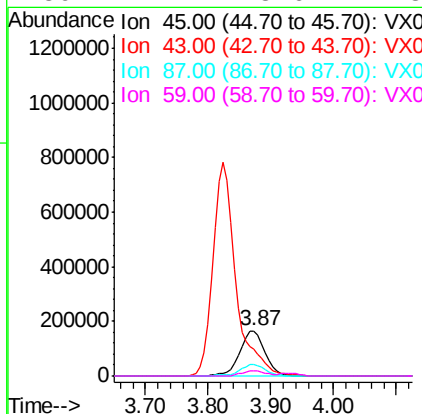
RT: 3.87 min Scan# 446

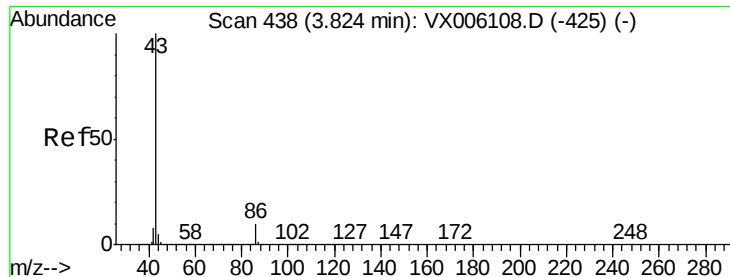
Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Tgt Ion:	45	Resp:	457668
Ion	Ratio	Lower	Upper
45	100		
43	58.7	45.8	68.8
87	26.1	21.0	31.4
59	11.1	8.6	12.8





#23

Vinyl Acetate

Concen: 274.00 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1981350

Ion Ratio Lower Upper

43 100

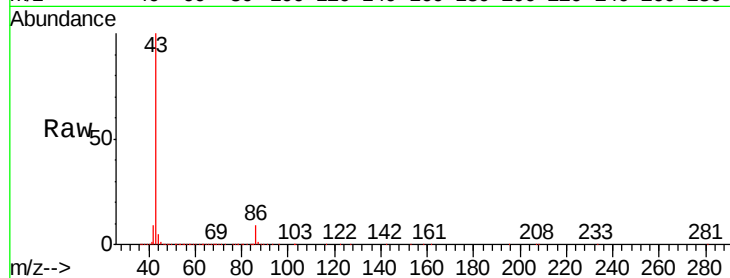
86 9.4 7.6 11.4

Manual Integrations

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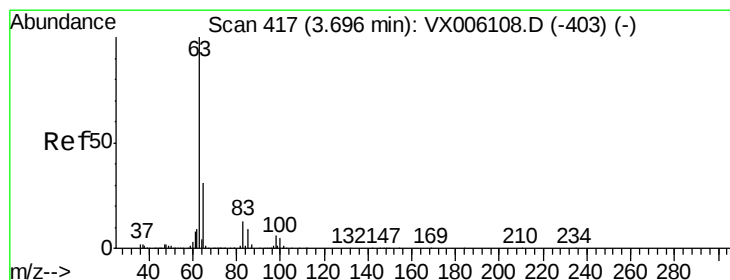
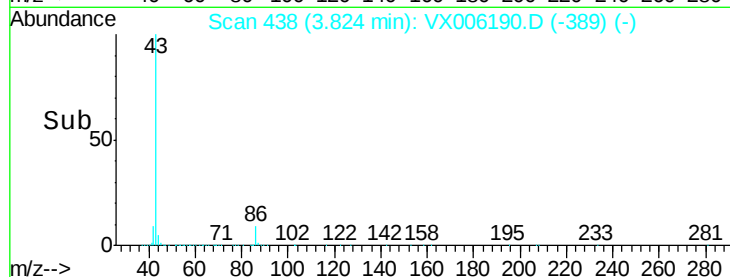
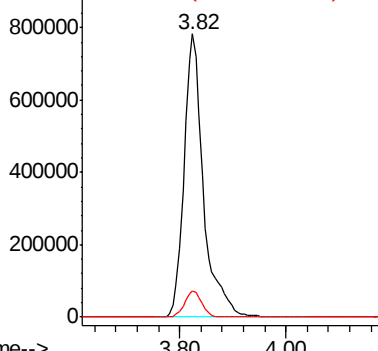
MMDadoda

11/27/2018 11:43:41 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.97 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

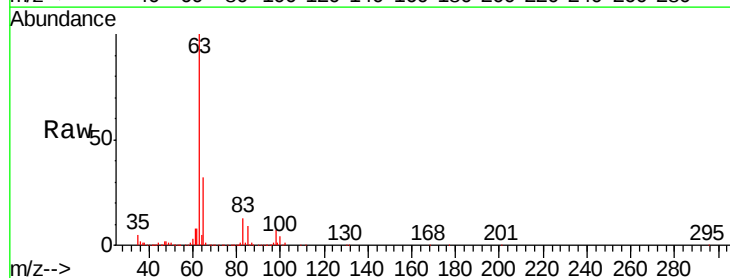
Tgt Ion: 63 Resp: 225743

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

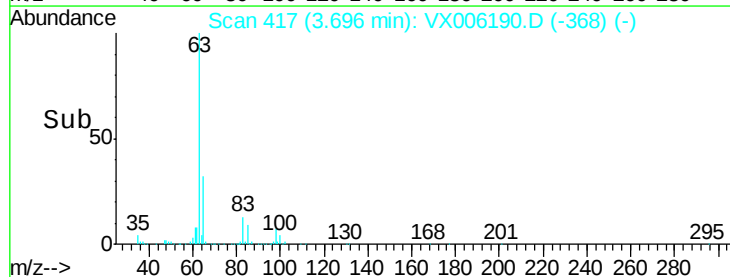
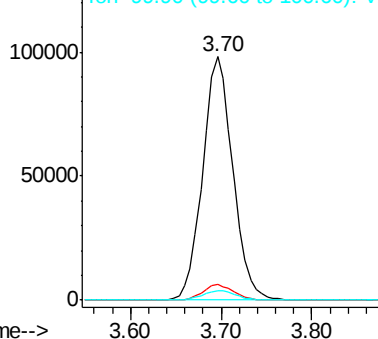
100 3.9 2.4 7.1

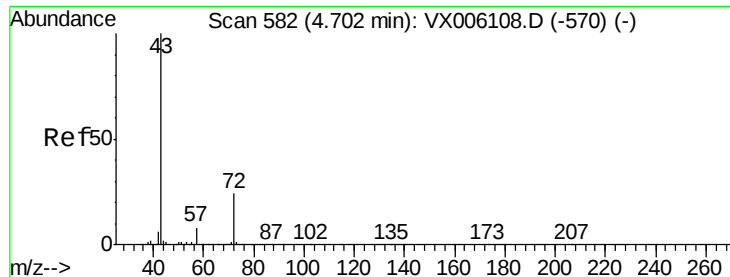


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 255.26 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 671472

Ion Ratio Lower Upper

43 100

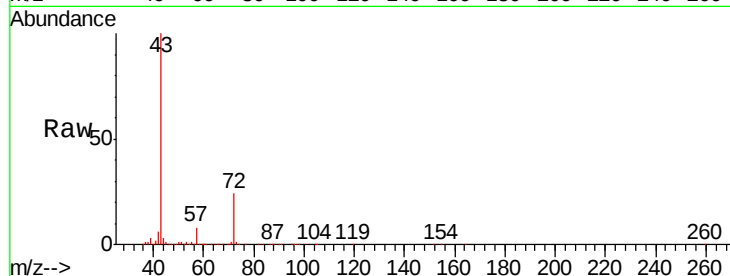
72 24.2 19.2 28.8

Manual Integrations

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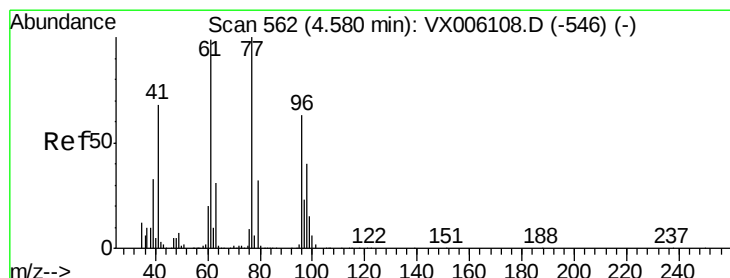
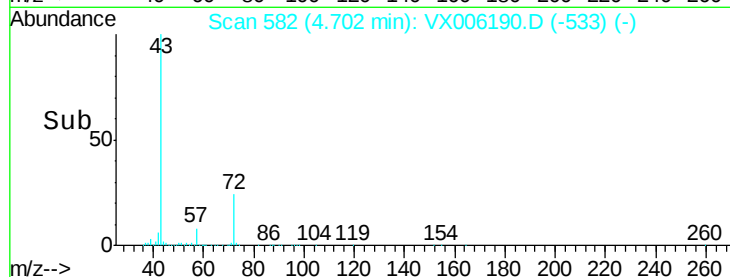
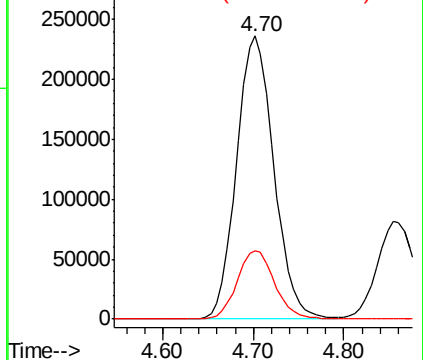
MMDadoda

11/27/2018 11:43:41 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.42 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006190.D

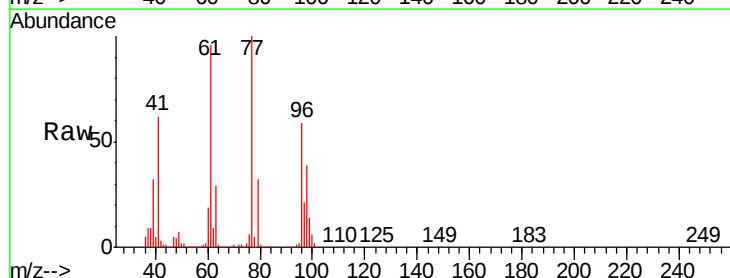
Acq: 26 Nov 2018 22:17

Tgt Ion: 77 Resp: 167257

Ion Ratio Lower Upper

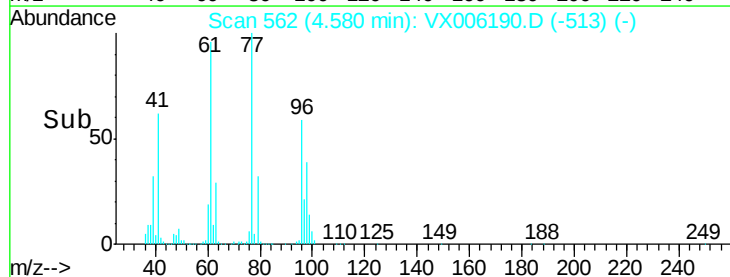
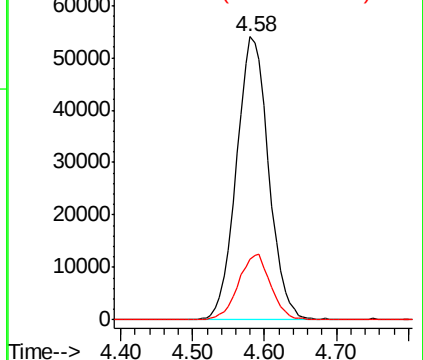
77 100

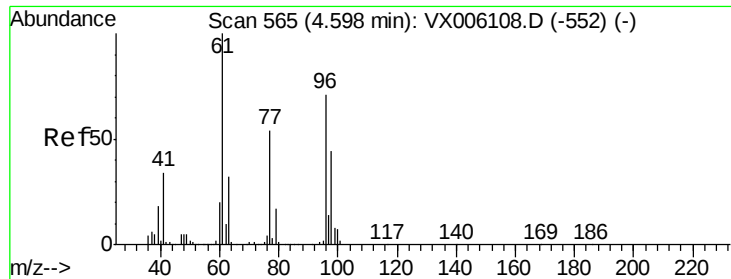
97 23.5 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

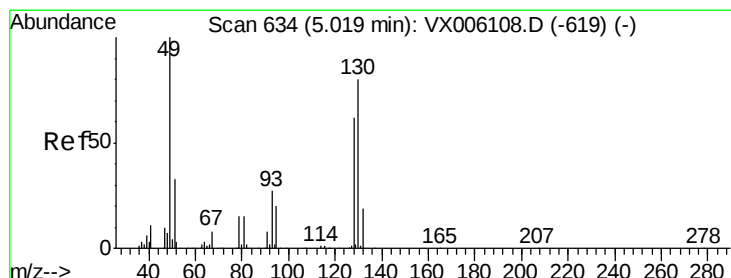
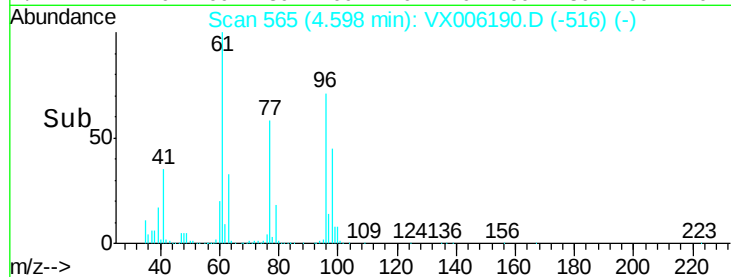
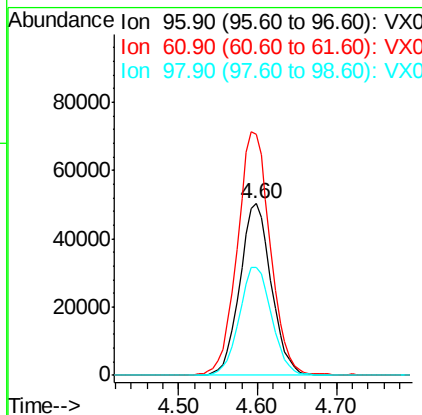
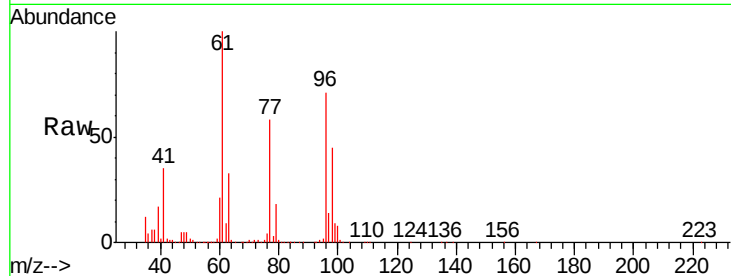
cis-1,2-Dichloroethene
Concen: 47.95 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	139547		
61	147.7	0.0	291.6	
98	65.1	0.0	128.2	

Manual Integrations
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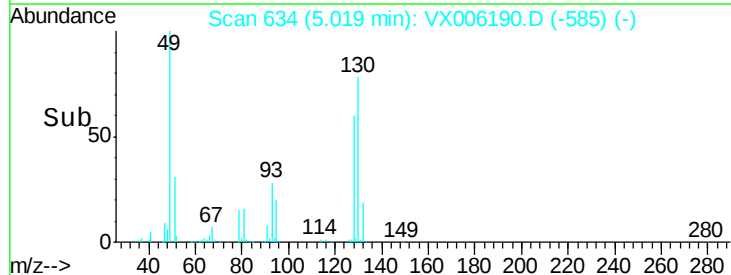
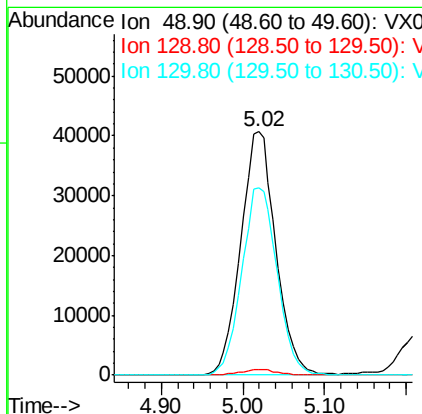
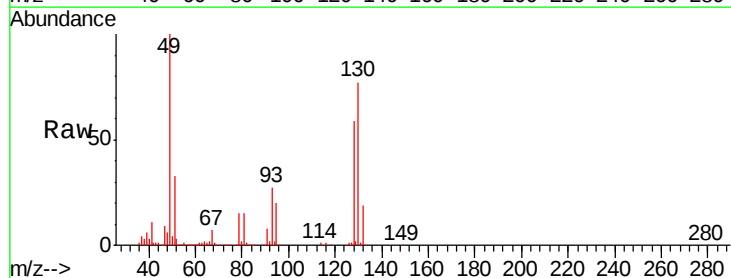
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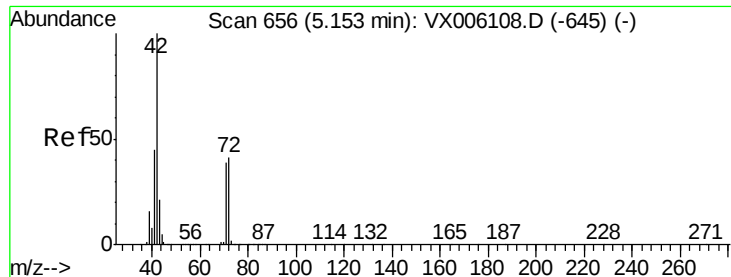


#28

Bromochloromethane
Concen: 50.47 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	120799		
129	2.4	0.0	4.4	
130	78.2	61.6	92.4	





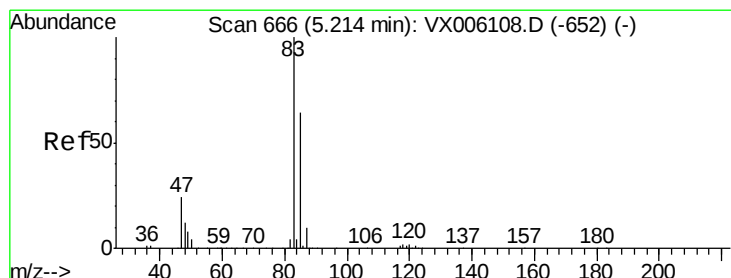
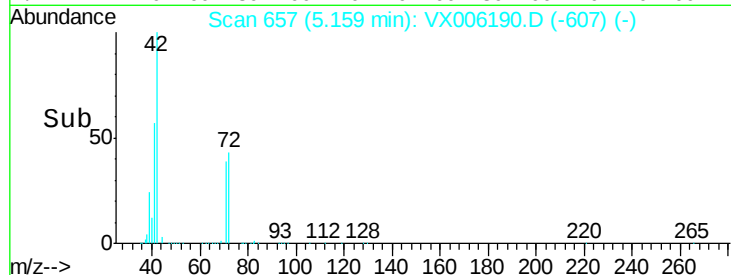
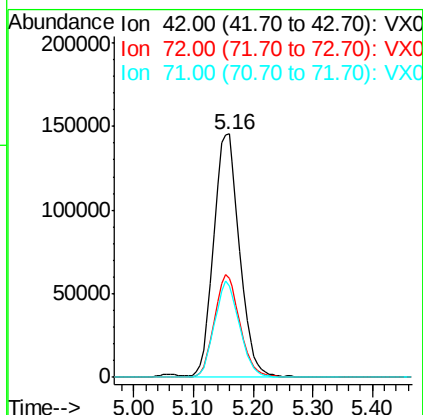
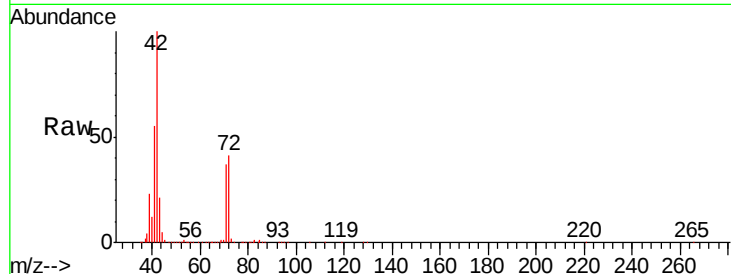
#29
Tetrahydrofuran
Concen: 265.92 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.0	49.6
71	38.6	31.0	46.4

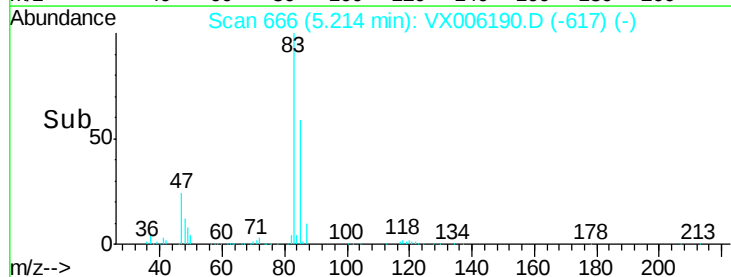
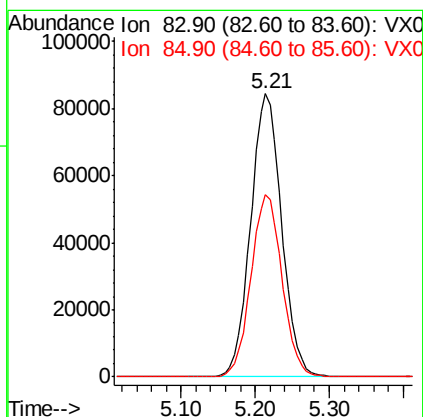
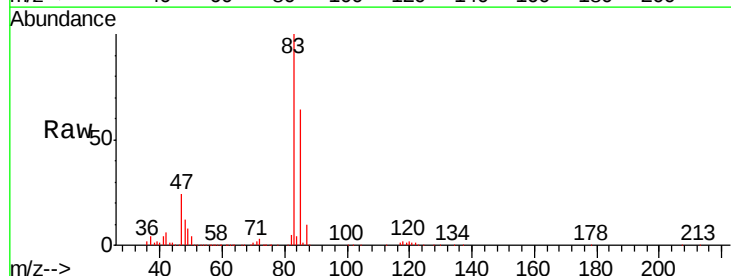
Manual Integrations
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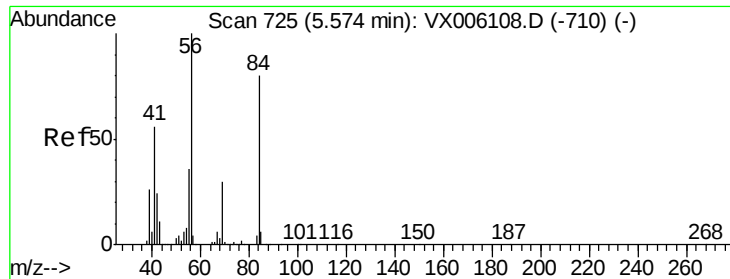
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#30
Chloroform
Concen: 49.61 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.4





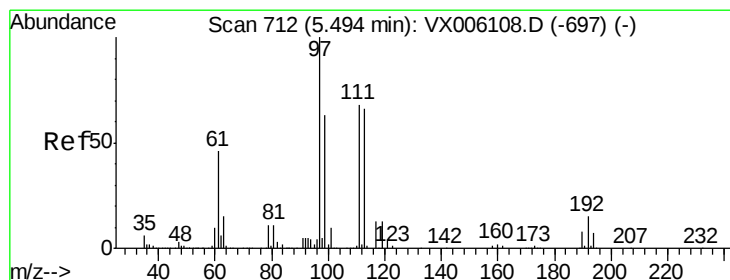
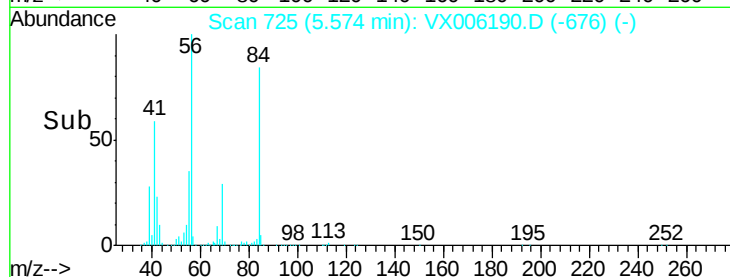
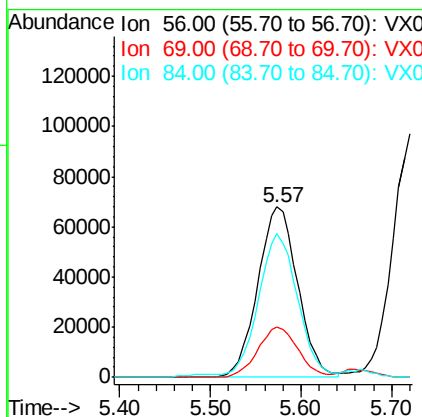
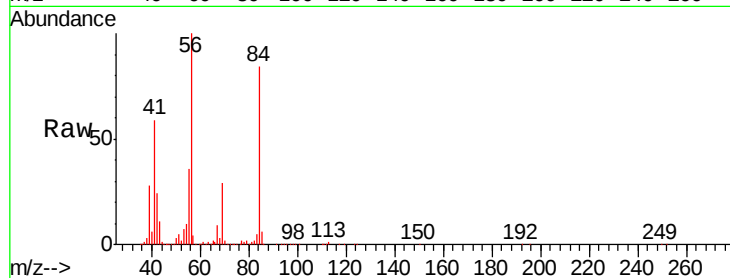
#31
Cyclohexane
Concen: 48.05 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.9	35.9
84	83.2	63.6	95.4

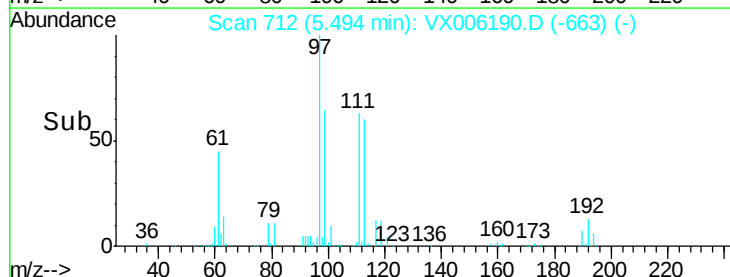
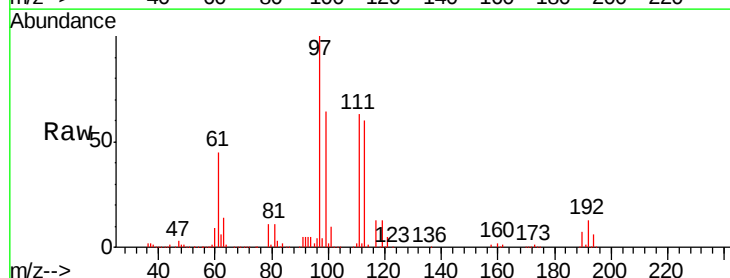
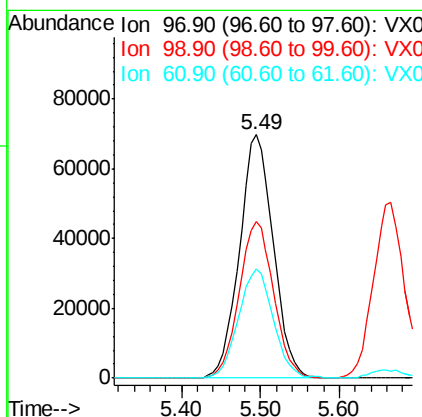
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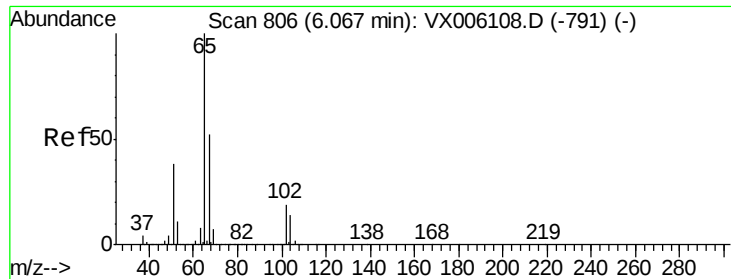
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#32
1,1,1-Trichloroethane
Concen: 51.87 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.6	77.4
61	46.2	36.6	55.0





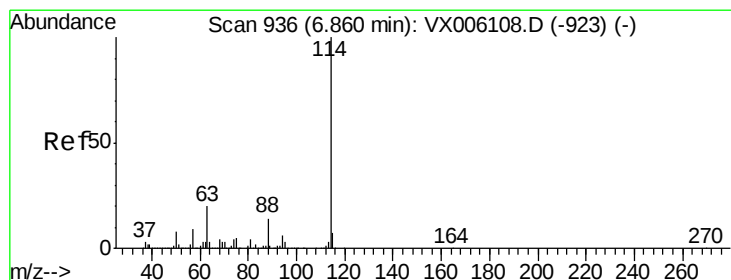
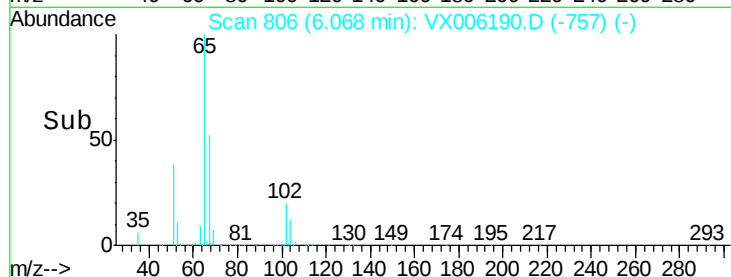
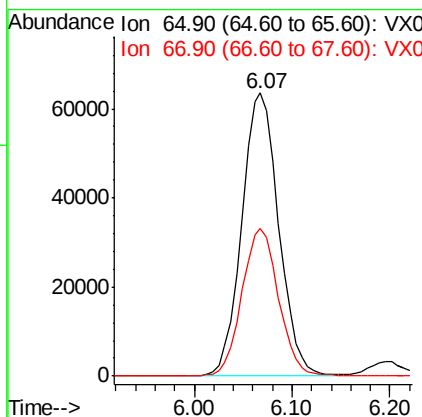
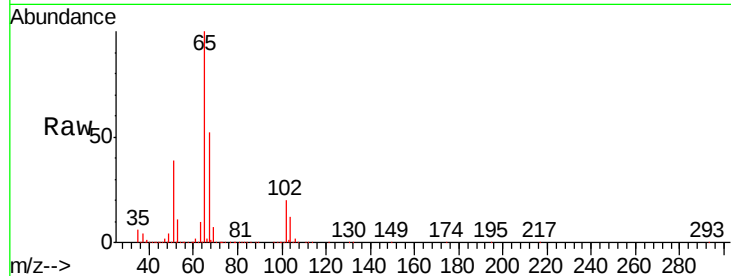
#33
 1,2-Dichloroethane-d4
 Concen: 52.06 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	166267		
67	52.0	0.0	105.8	

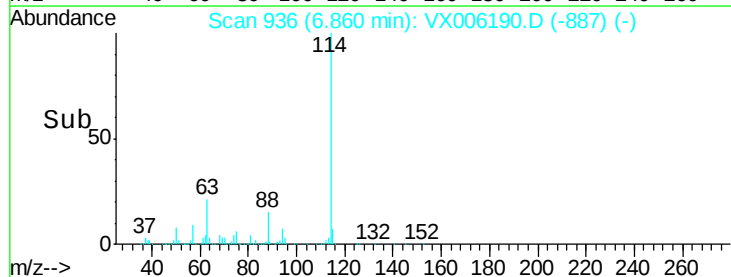
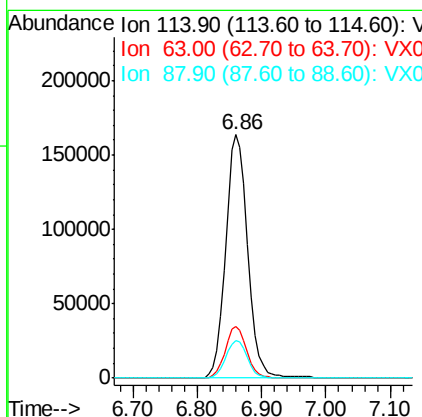
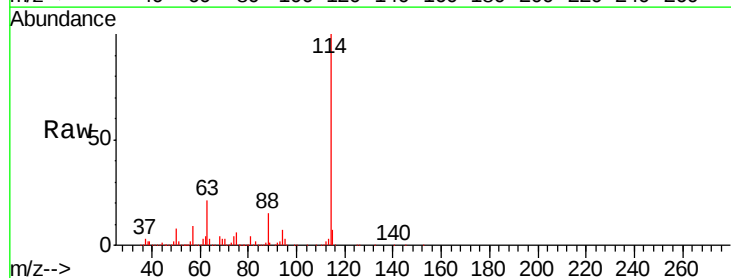
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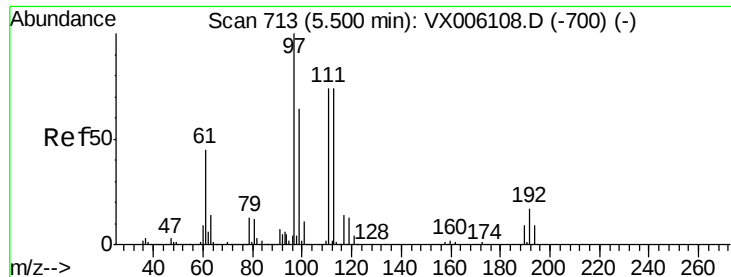
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	394657		
63	21.1	0.0	39.2	
88	15.3	0.0	28.6	





#35

Dibromofluoromethane

Concen: 52.86 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

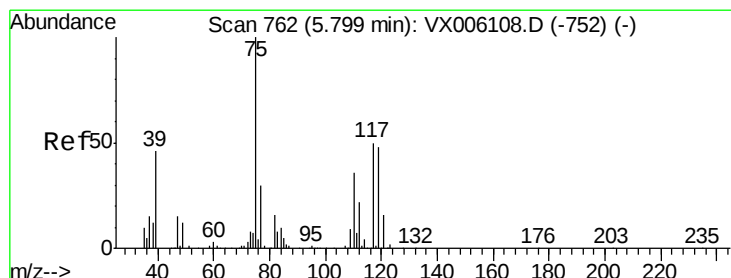
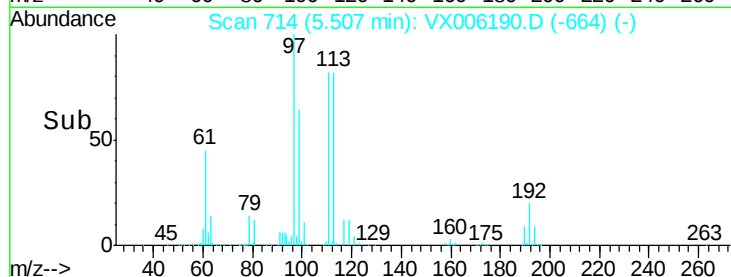
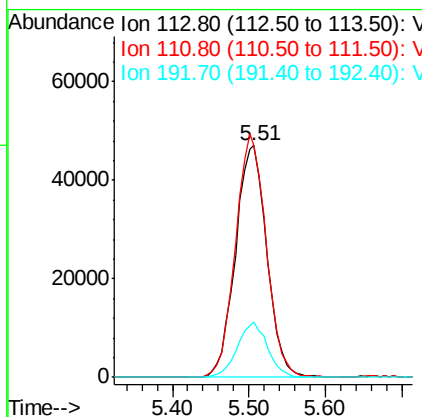
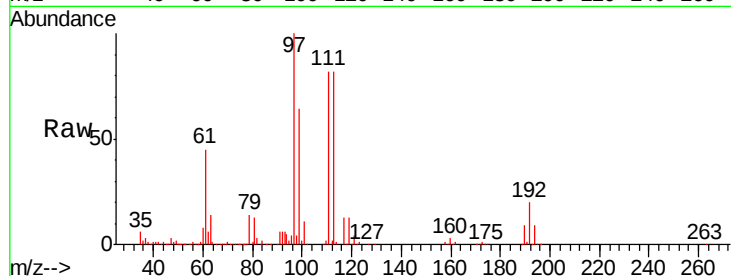
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	133907
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	22.9	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.42 ug/l

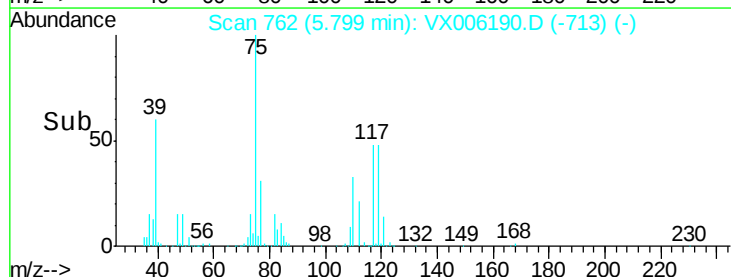
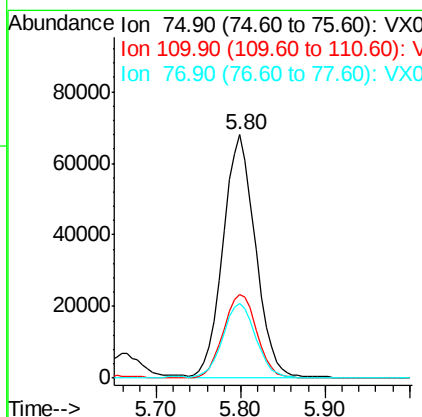
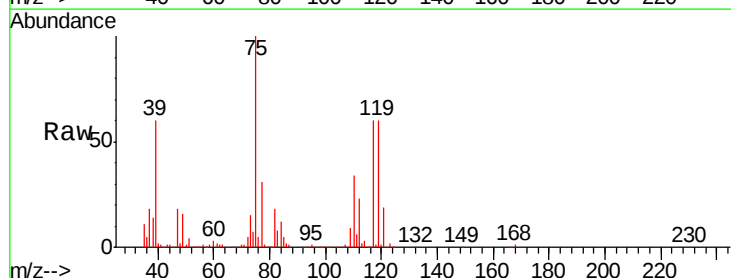
RT: 5.80 min Scan# 762

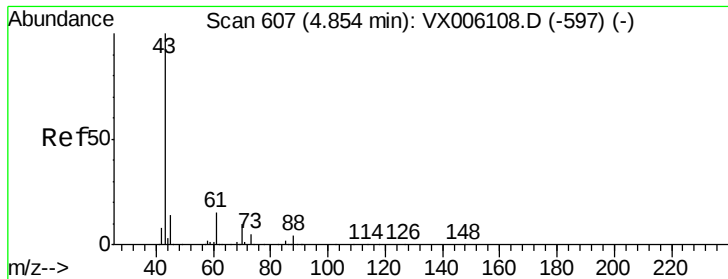
Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Tgt Ion:	75	Resp:	177426
Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.8	53.3
77	31.3	24.5	36.7





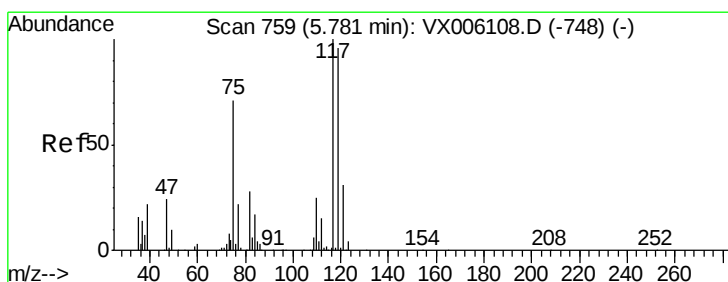
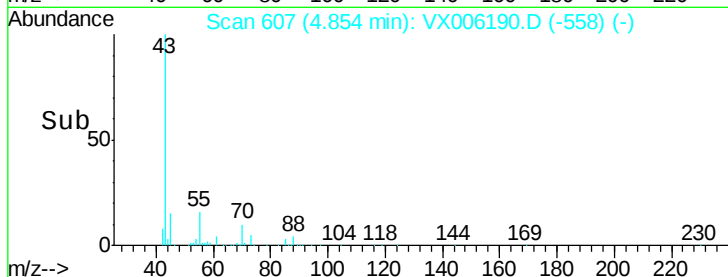
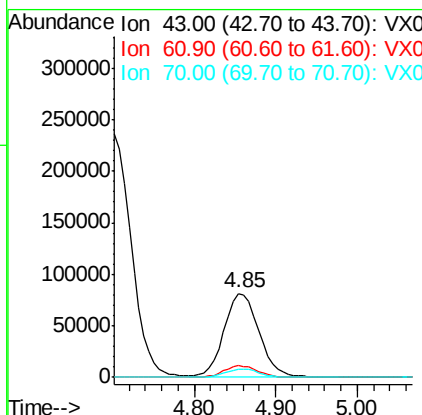
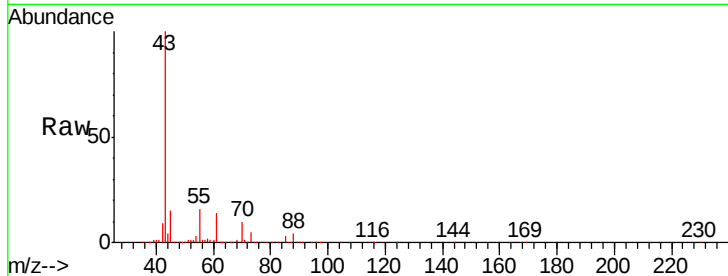
#37
Ethyl Acetate
Concen: 51.98 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	9.5	7.9	11.9

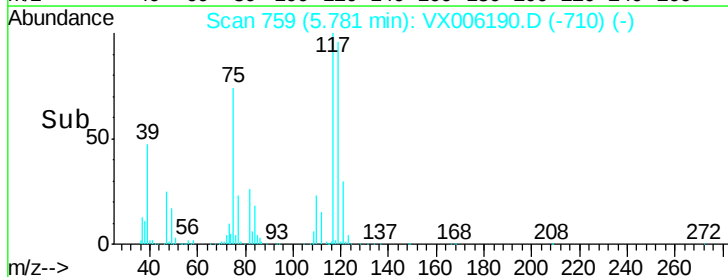
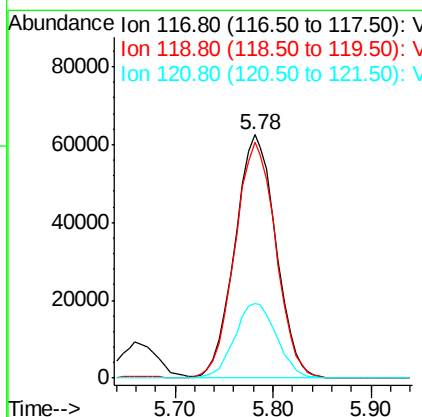
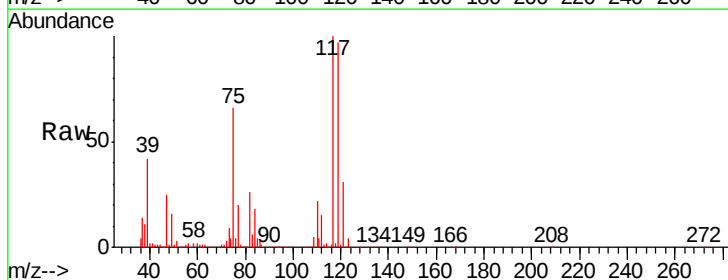
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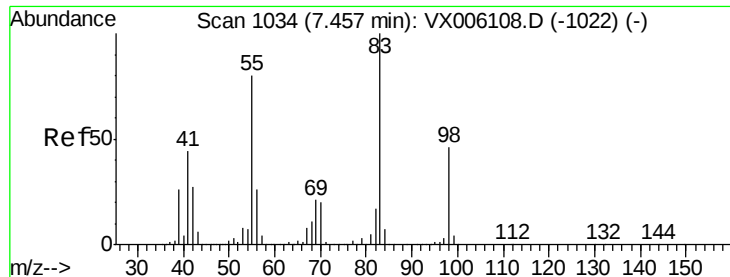
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#38
Carbon Tetrachloride
Concen: 53.83 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.3	114.5
121	30.7	24.7	37.1





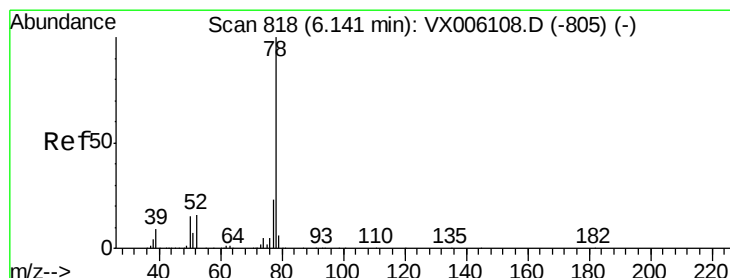
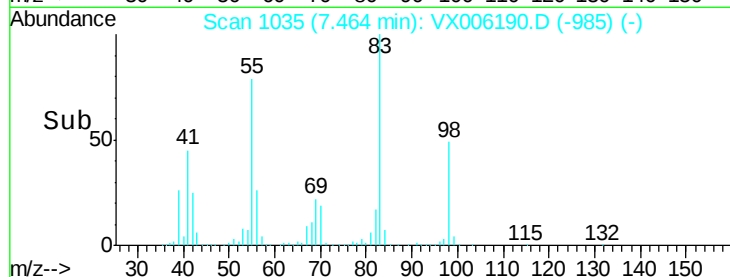
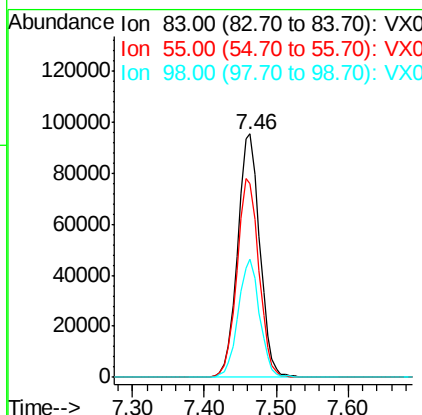
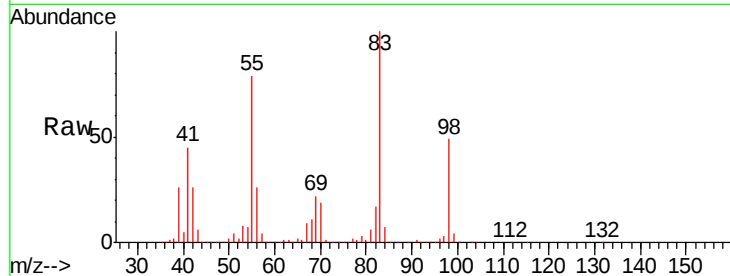
#39
Methylcyclohexane
Concen: 49.52 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.4	63.9	95.9
98	48.6	36.8	55.2

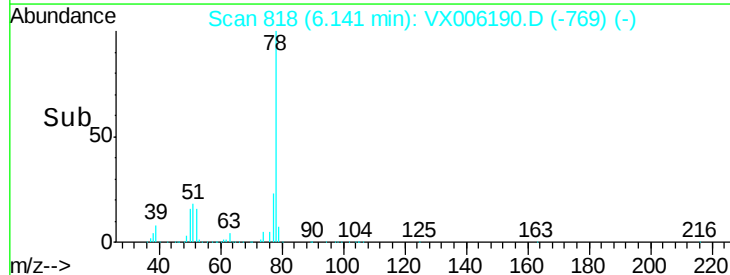
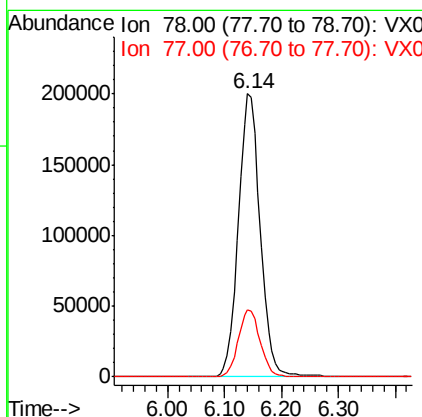
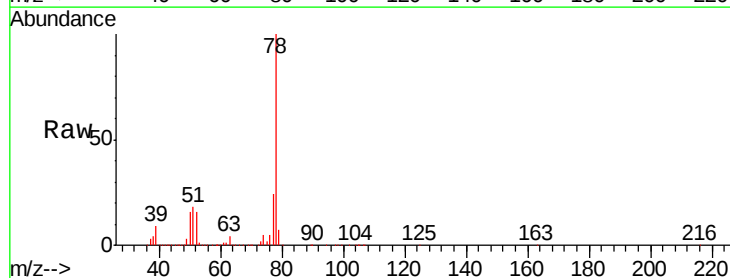
Manual Integrations
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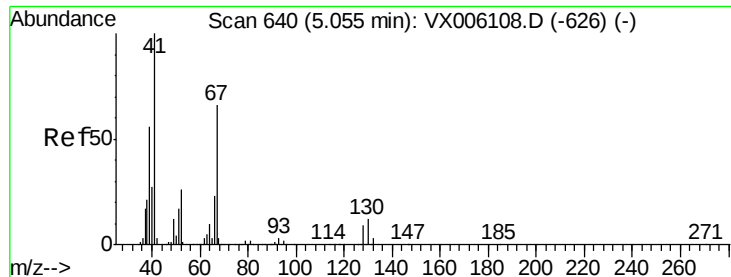
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#40
Benzene
Concen: 50.83 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





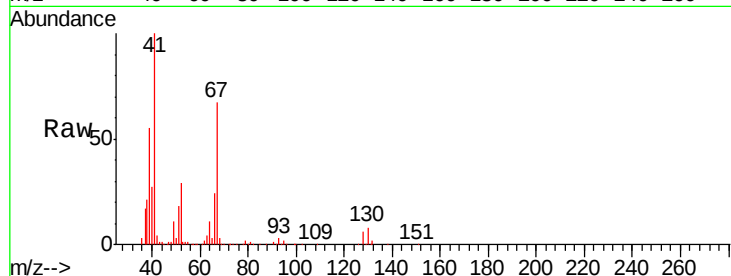
#41
Methacrylonitrile
Concen: 51.22 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

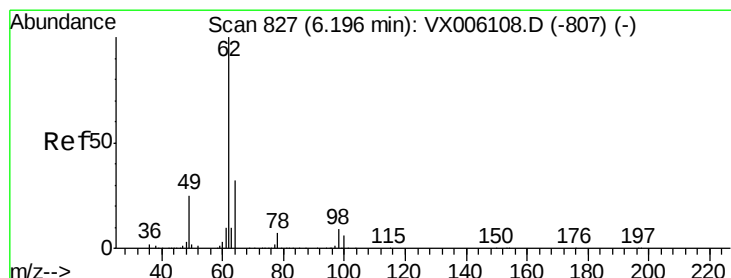
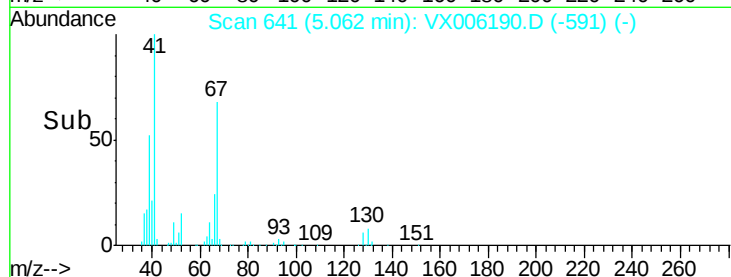
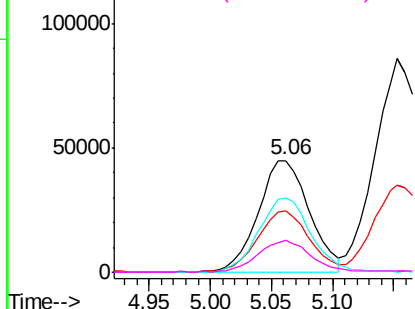
Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.1	66.1
67	68.8	54.1	81.1
52	28.5	21.7	32.5

Manual Integrations
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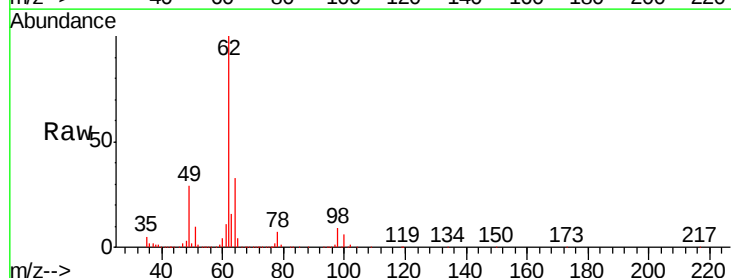


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

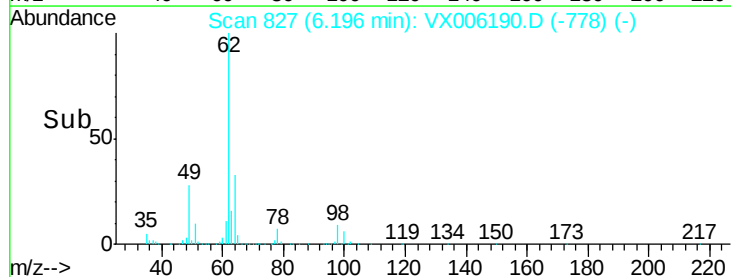
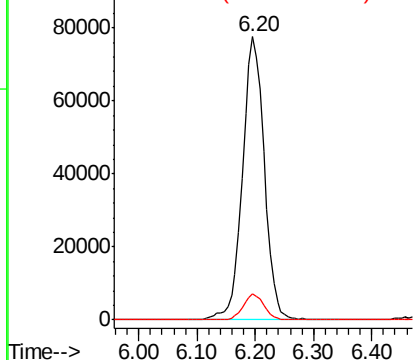


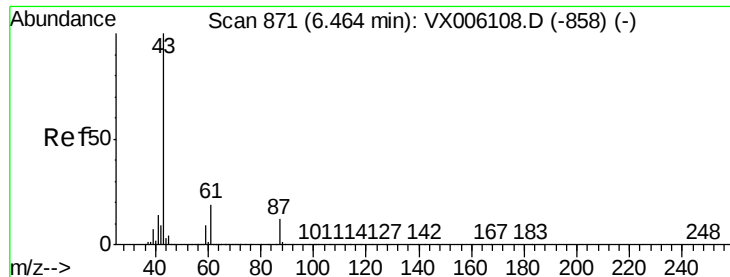
#42
1,2-Dichloroethane
Concen: 51.04 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.29 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

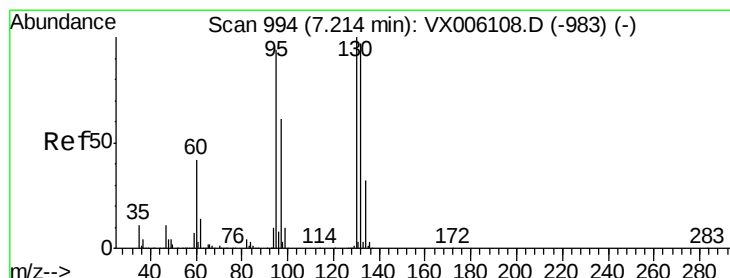
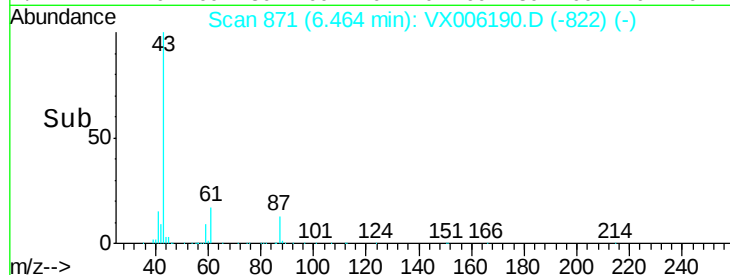
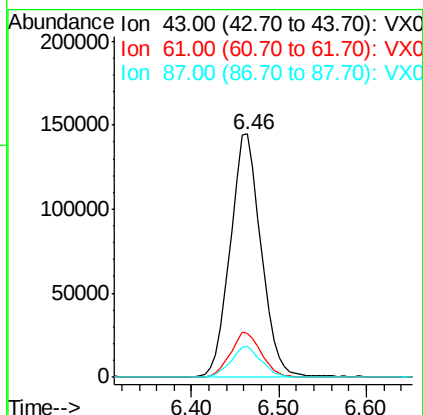
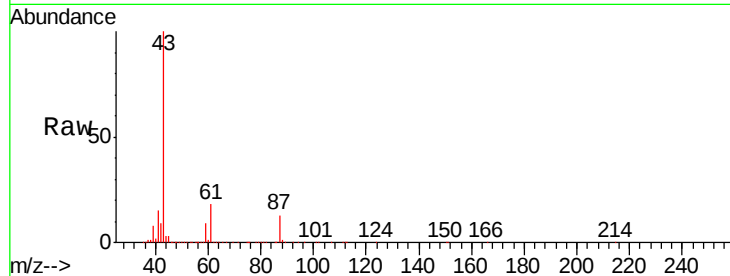
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	355512
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.2	22.8
87	12.5	9.6	14.4

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#44

Trichloroethene

Concen: 49.66 ug/l

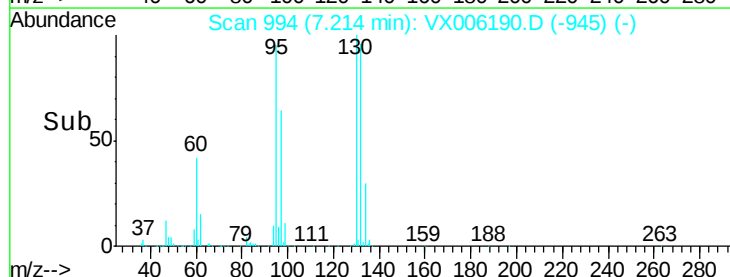
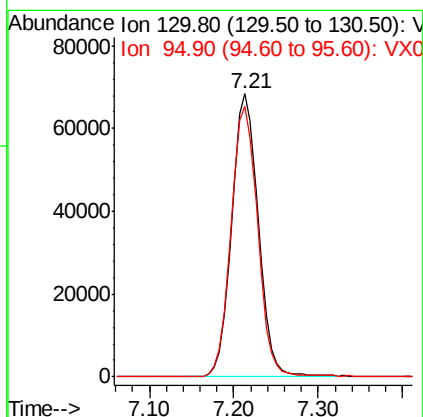
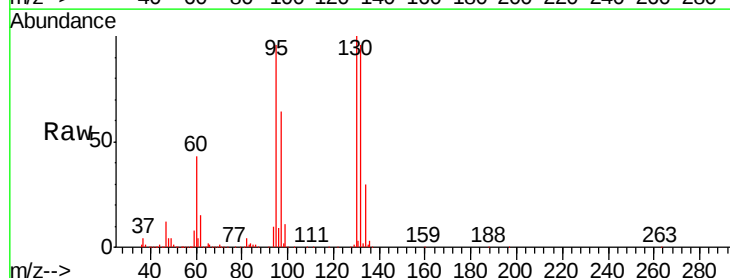
RT: 7.21 min Scan# 994

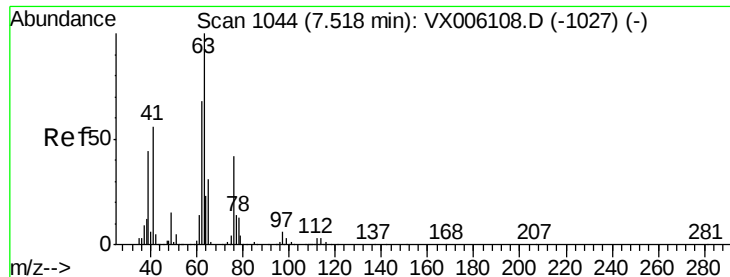
Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Tgt Ion:	130	Resp:	145995
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	188.8





#45

1,2-Dichloropropane

Concen: 51.04 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 142885

Ion Ratio Lower Upper

63 100

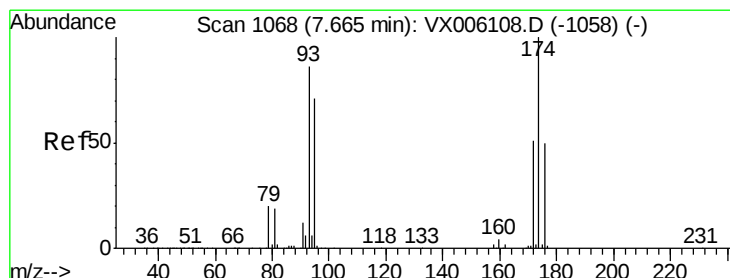
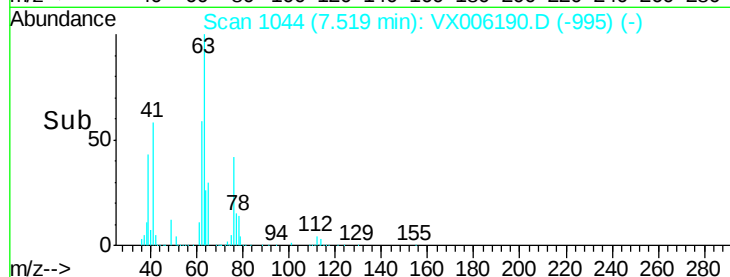
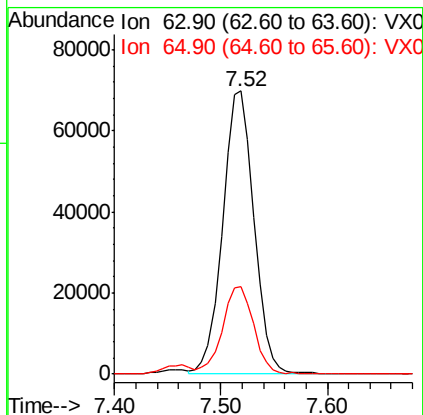
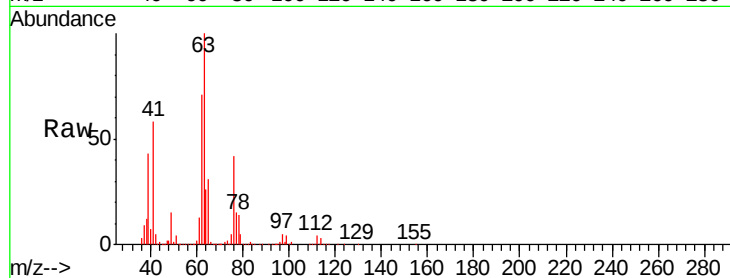
65 31.1 24.8 37.2

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#46

Dibromomethane

Concen: 51.15 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

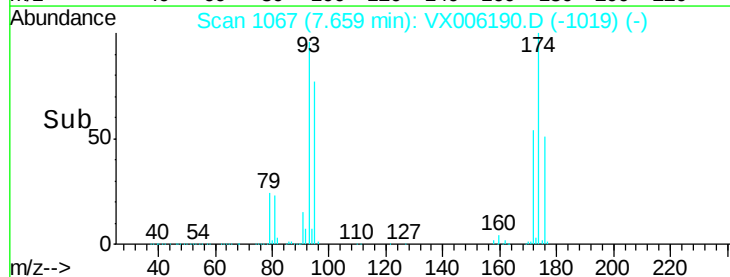
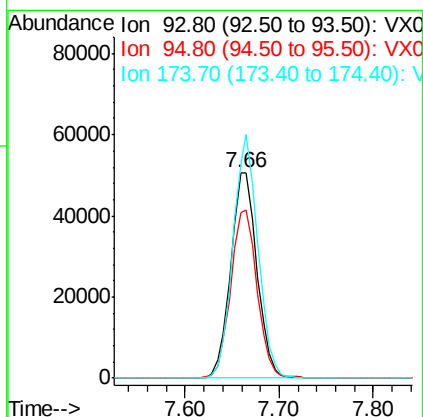
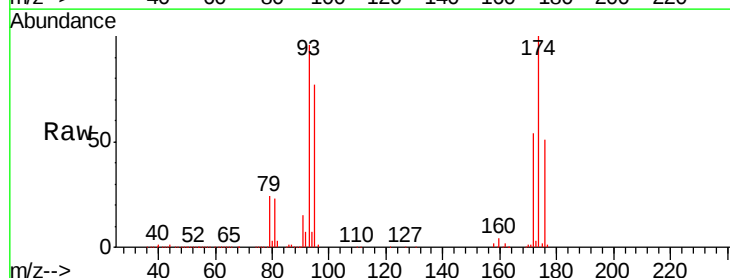
Tgt Ion: 93 Resp: 98071

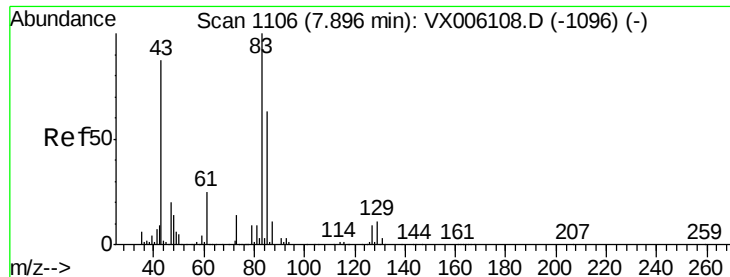
Ion Ratio Lower Upper

93 100

95 81.9 66.3 99.5

174 112.1 91.0 136.6





#47

Bromodichloromethane

Concen: 53.66 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

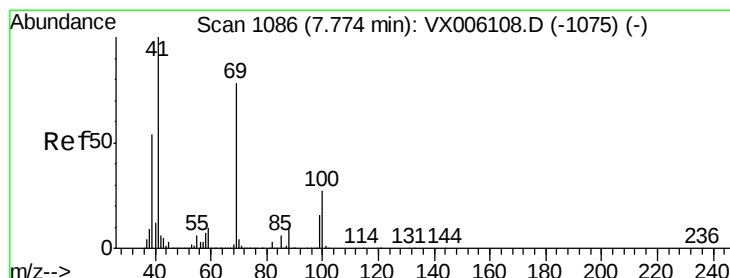
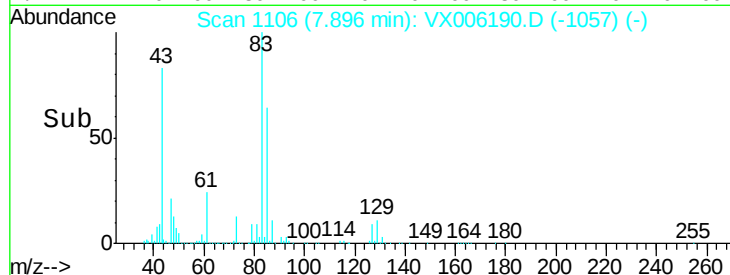
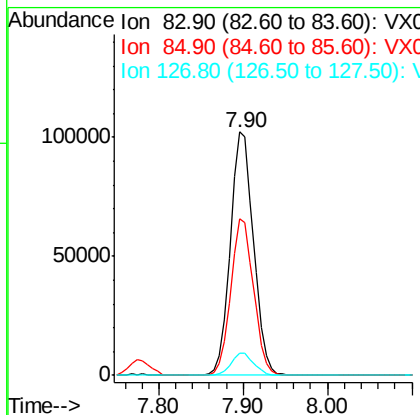
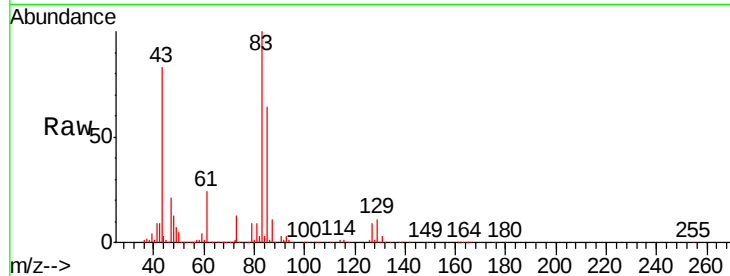
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	190252
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.4	75.6
127	9.2	7.0	10.4

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#48

Methyl methacrylate

Concen: 56.58 ug/l

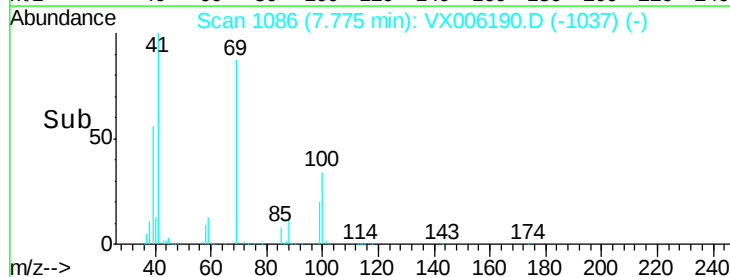
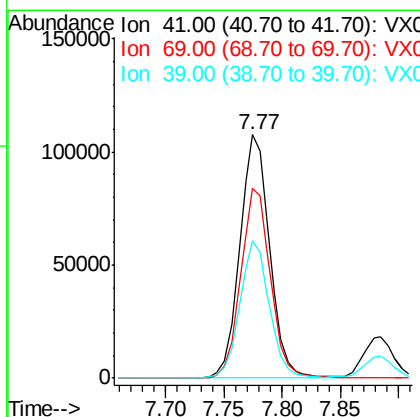
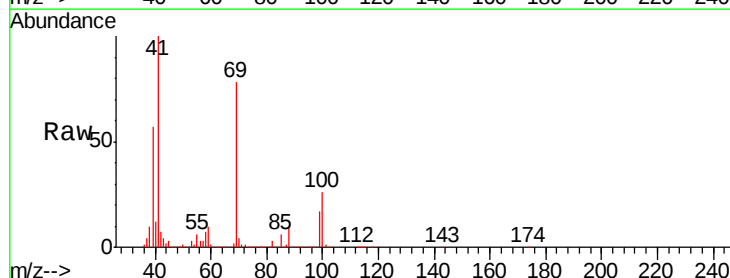
RT: 7.77 min Scan# 1086

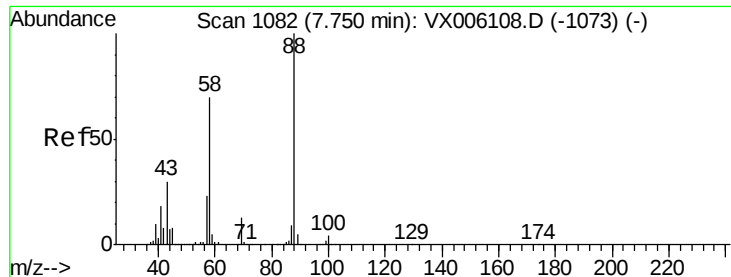
Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Tgt Ion:	41	Resp:	191428
Ion Ratio	Lower	Upper	
41	100		
69	78.1	62.8	94.2
39	55.6	43.8	65.6





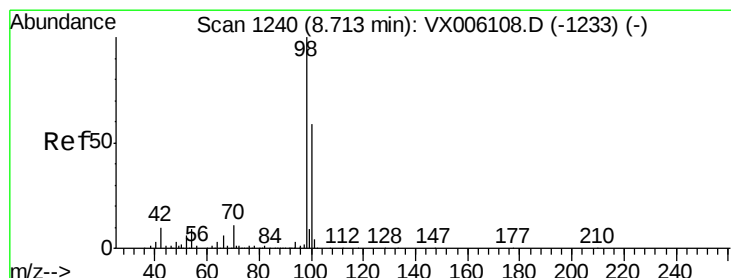
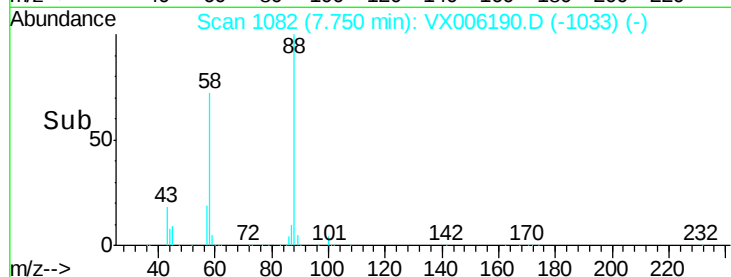
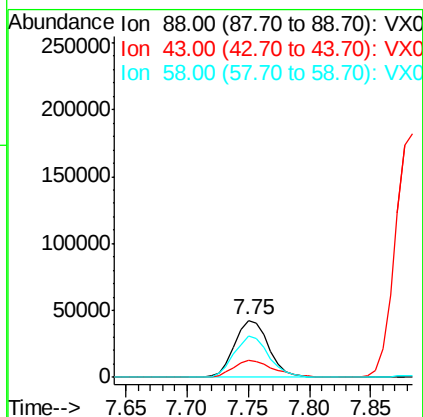
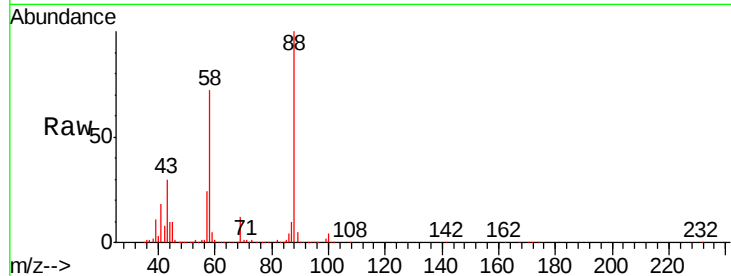
#49
1,4-Dioxane
Concen: 1026.31 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.1	26.7	40.1
58	73.5	58.5	87.7

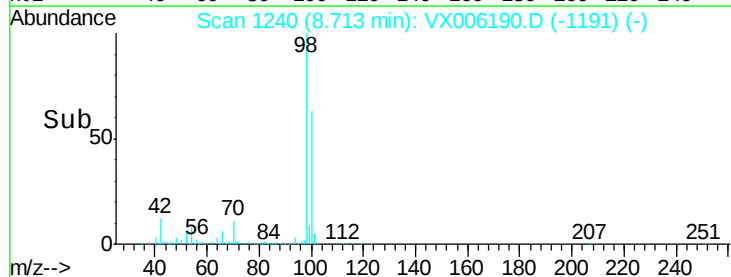
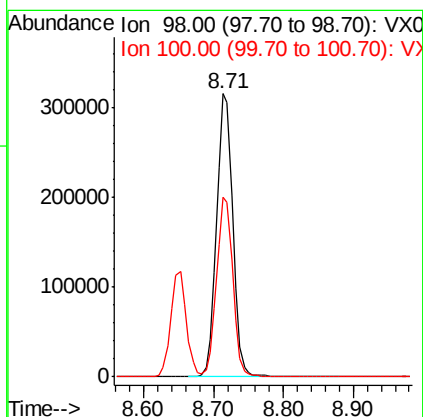
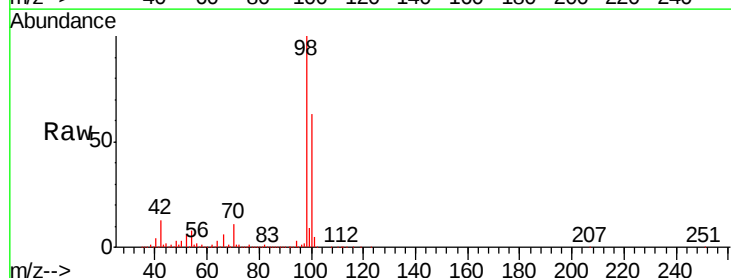
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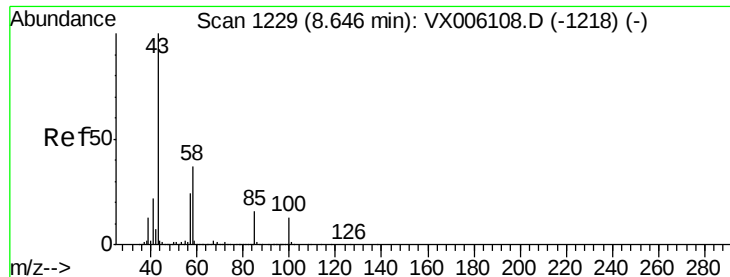
MMDadoda
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#50
Toluene-d8
Concen: 52.39 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.0	76.4





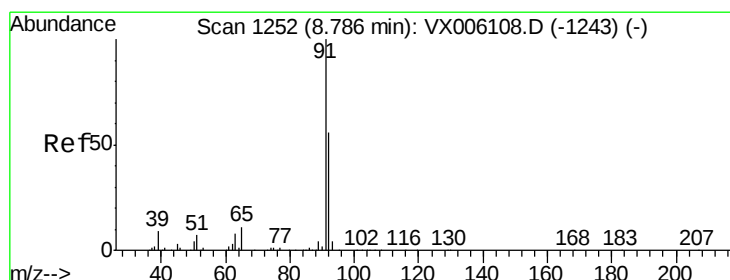
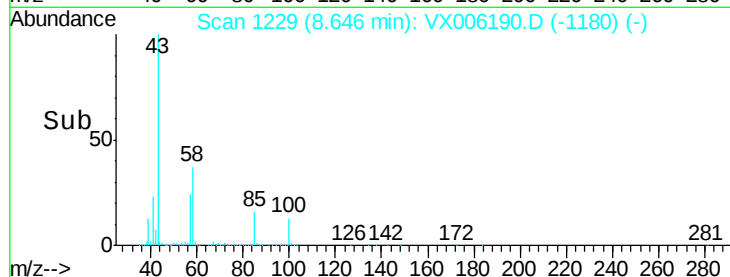
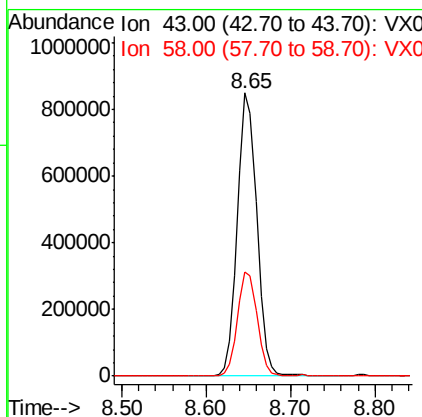
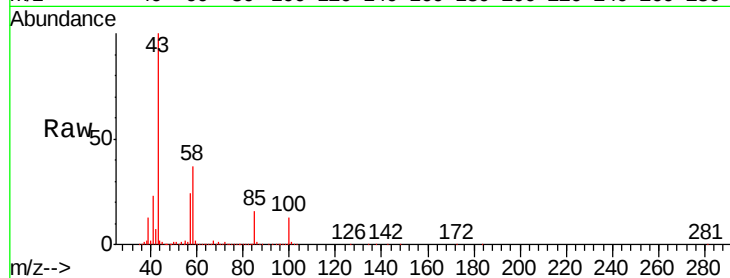
#51
4-Methyl-2-Pentanone
Concen: 275.25 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1316364
Ion Ratio Lower Upper
43 100
58 37.3 29.9 44.9

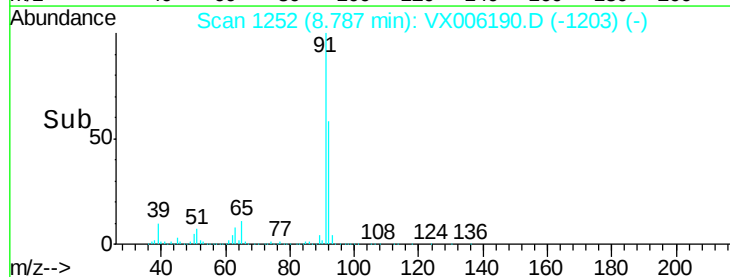
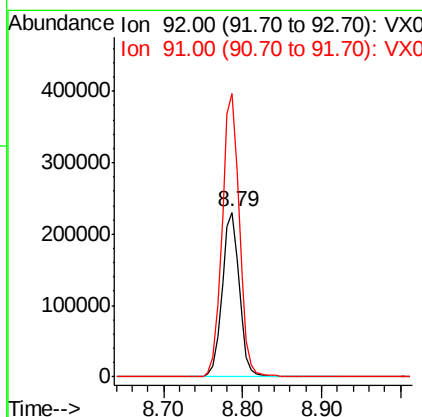
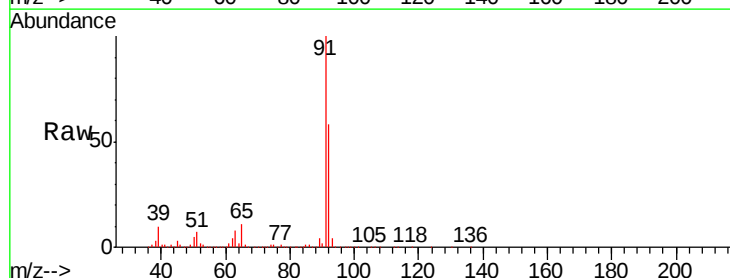
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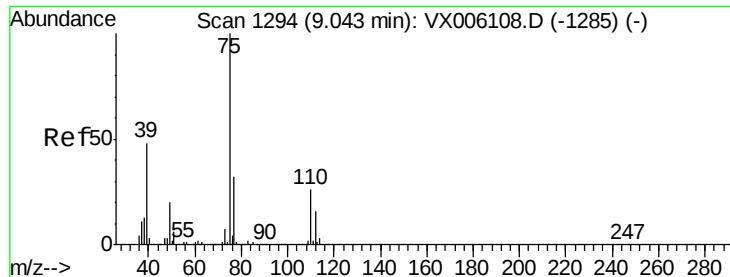
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#52
Toluene
Concen: 52.89 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion: 92 Resp: 346026
Ion Ratio Lower Upper
92 100
91 175.0 142.5 213.7





#53

t-1,3-Dichloropropene

Concen: 54.29 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 200886

Ion Ratio Lower Upper

75 100

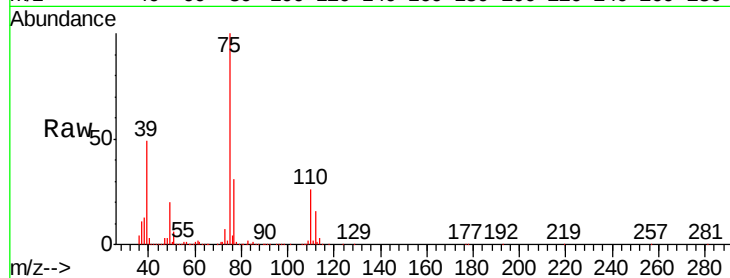
77 31.4 25.7 38.5

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

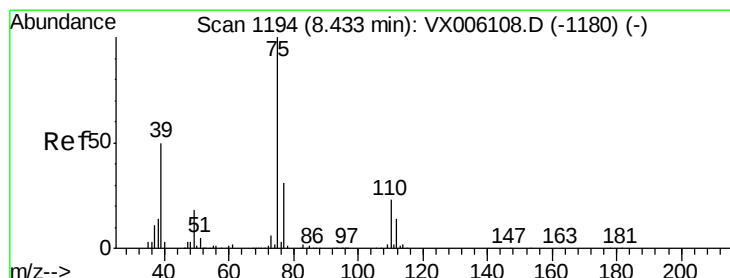
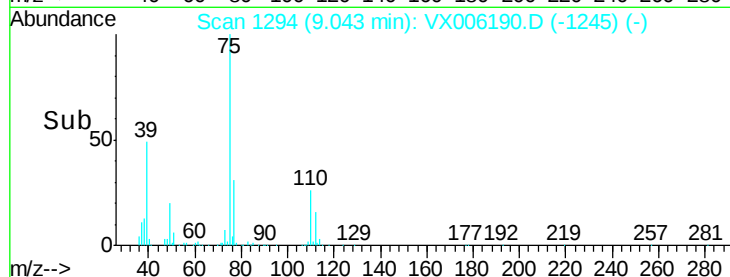
9.04

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.27 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

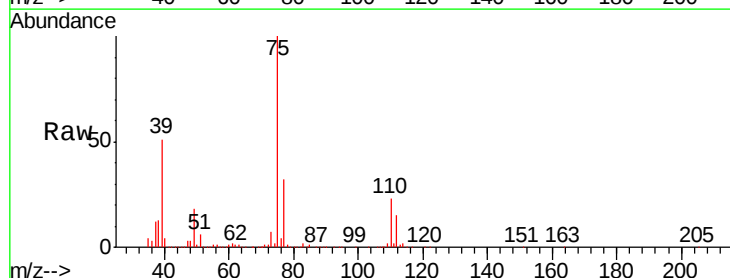
Tgt Ion: 75 Resp: 217894

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

39 50.5 40.3 60.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

150000

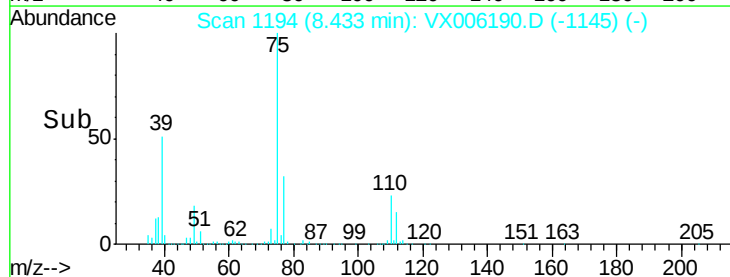
8.43

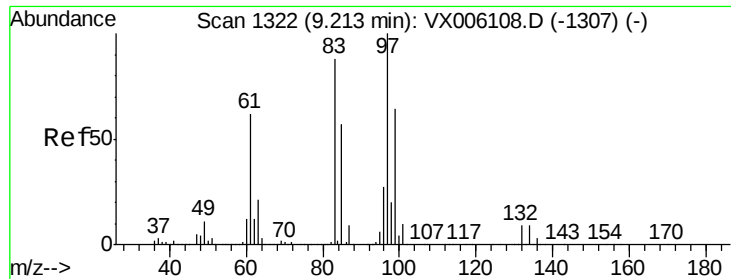
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.38 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 145577

Ion Ratio Lower Upper

97 100

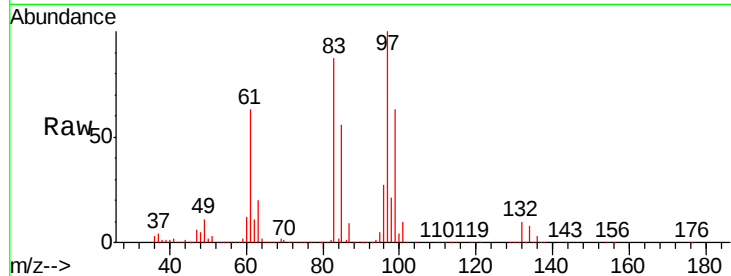
83 87.2 70.7 106.1

85 55.9 45.7 68.5

99 62.9 51.4 77.2

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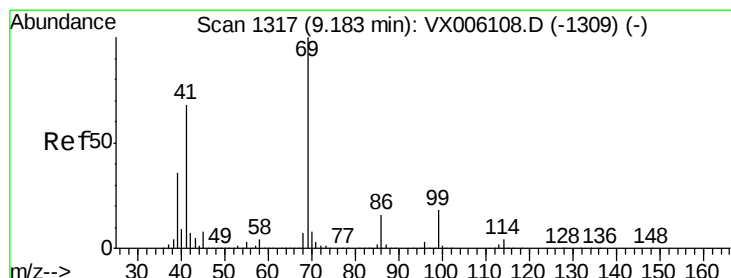
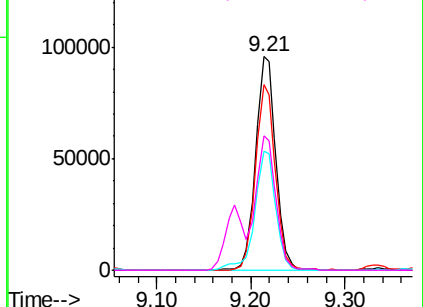
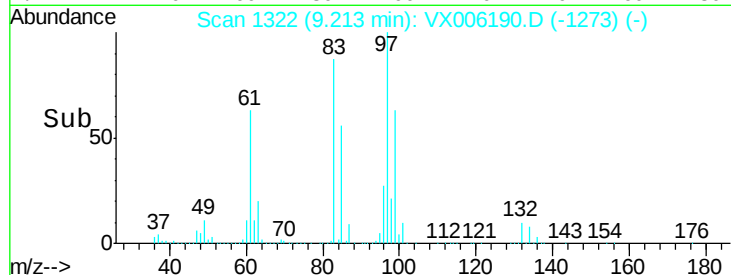


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.10 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

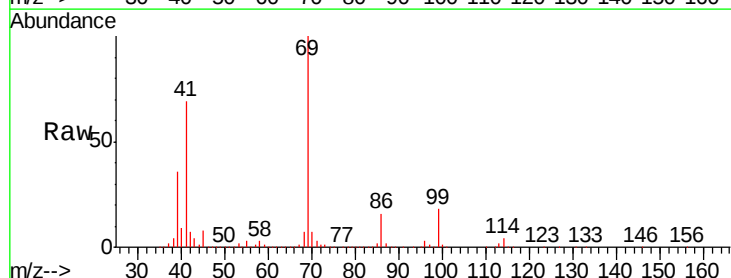
Tgt Ion: 69 Resp: 221094

Ion Ratio Lower Upper

69 100

41 71.0 56.2 84.4

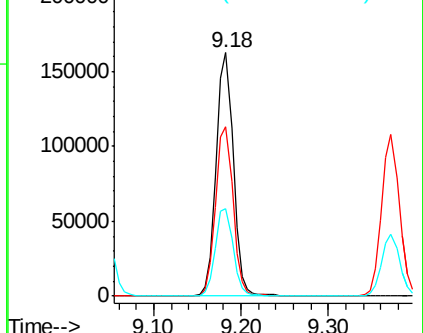
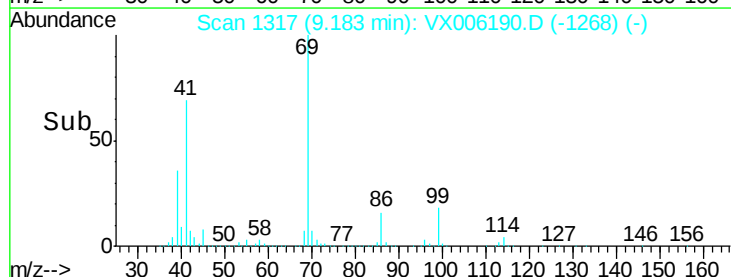
39 37.2 29.4 44.0

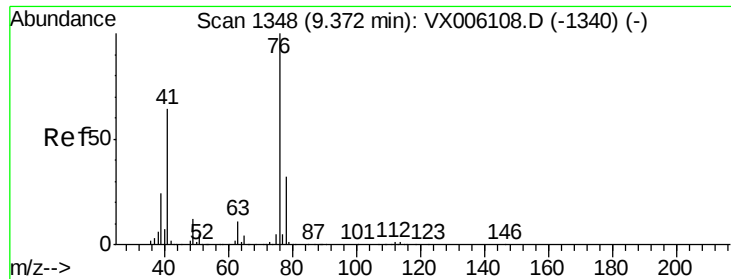


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





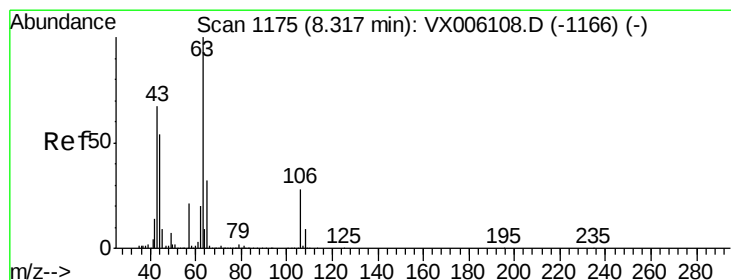
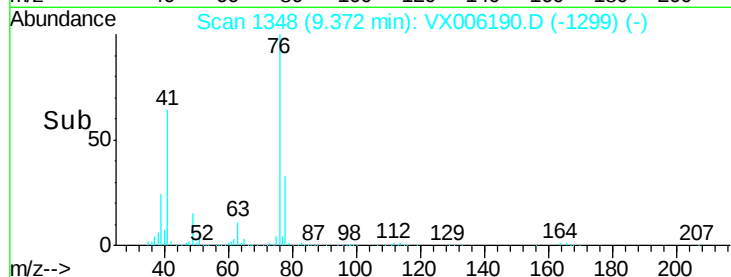
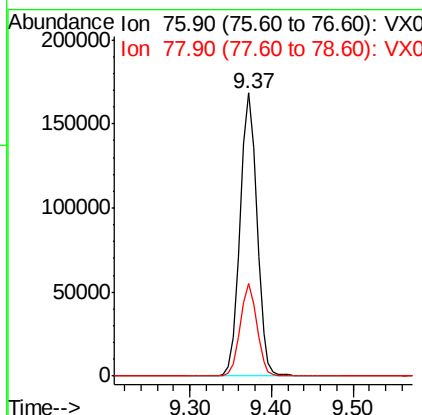
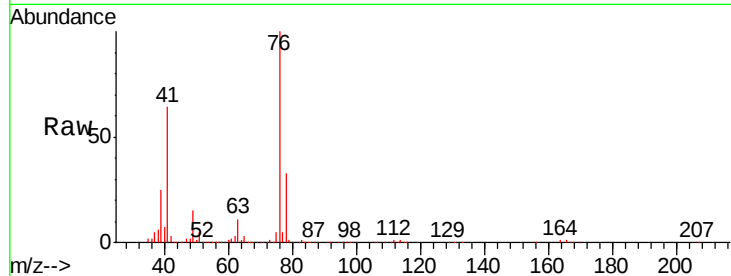
#57
 1,3-Dichloropropane
 Concen: 51.37 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.7	38.5

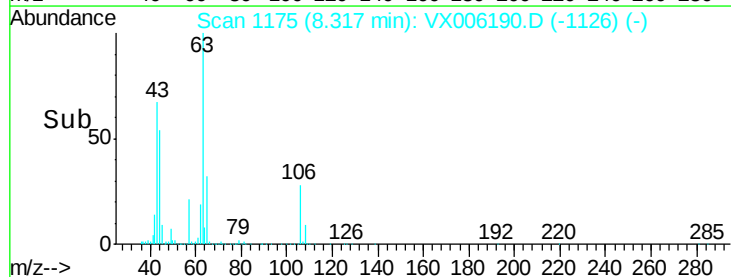
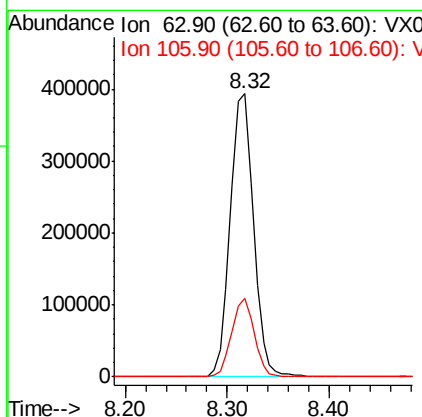
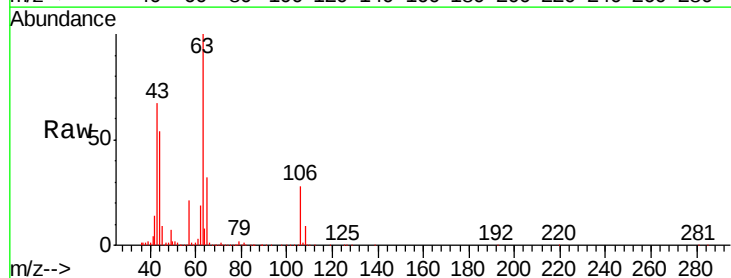
Manual Integrations
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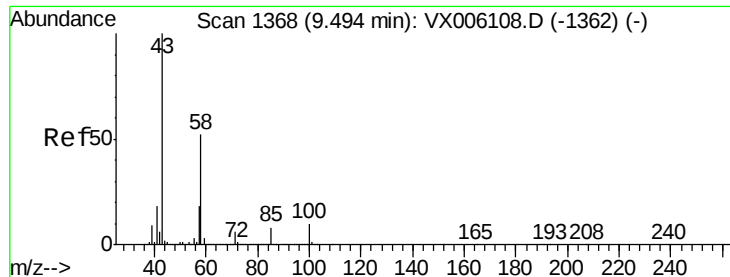
MMDadoda
 11/27/2018 11:43:41 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.83 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.7	32.5





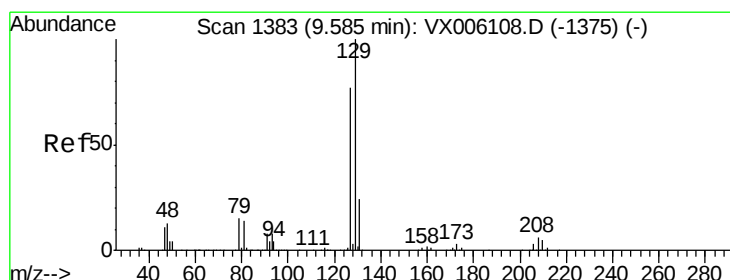
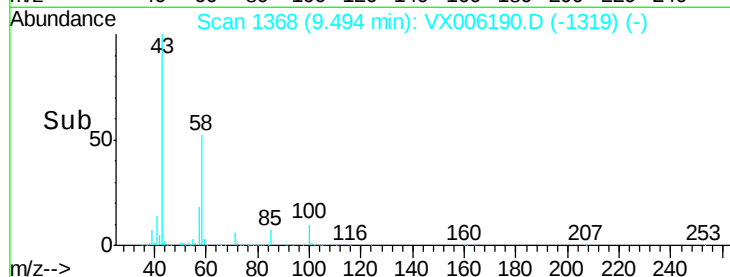
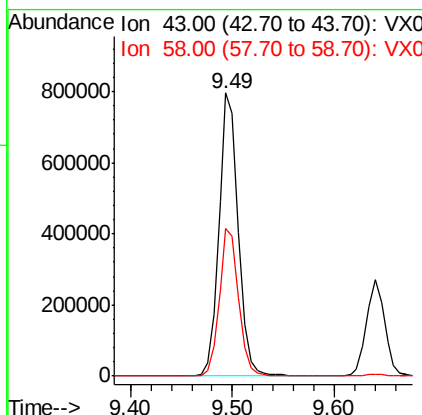
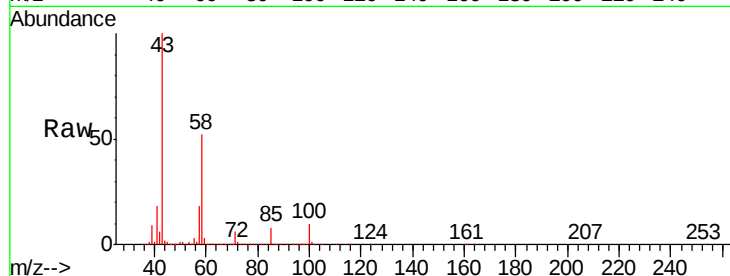
#59
2-Hexanone
Concen: 277.48 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1053135
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.9

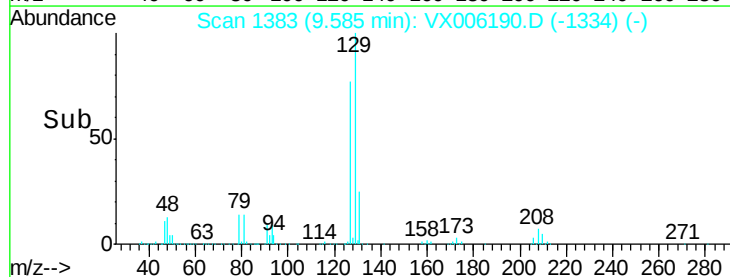
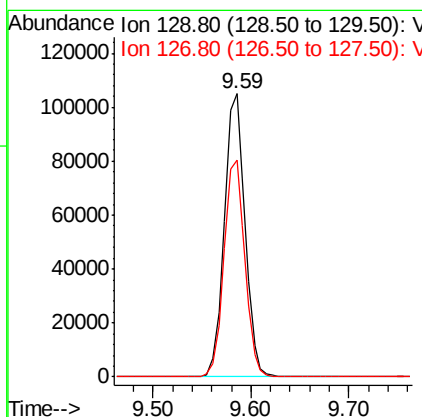
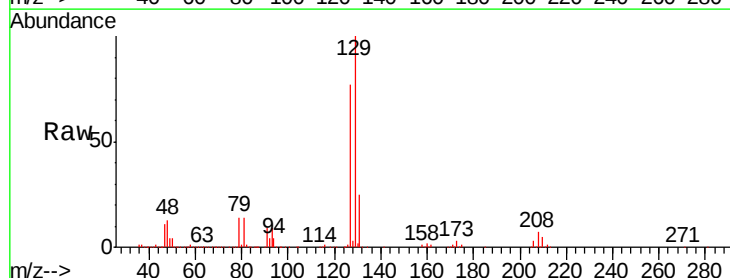
Manual Integrations
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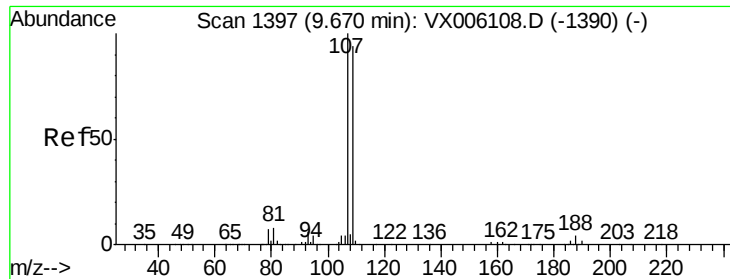
MMDadoda
11/27/2018 11:43:41 AM



#60
Dibromochloromethane
Concen: 55.23 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion: 129 Resp: 153439
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.5





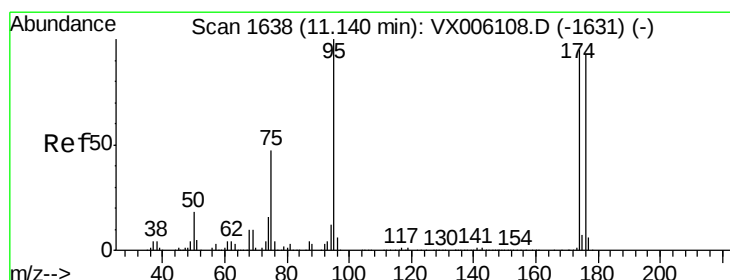
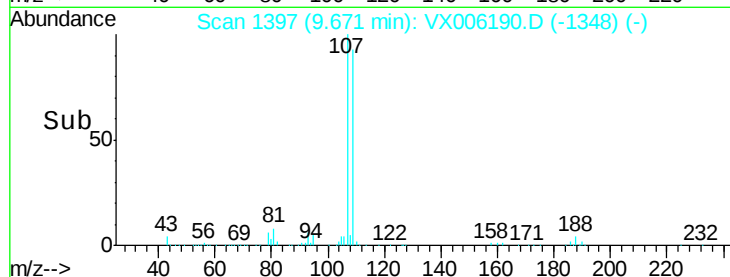
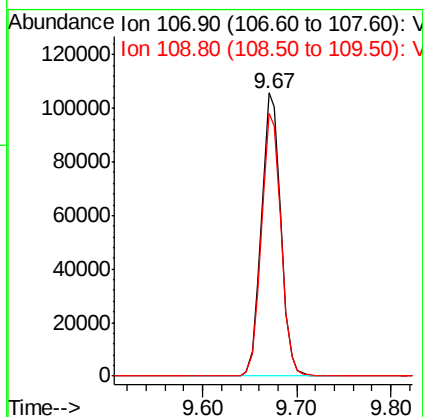
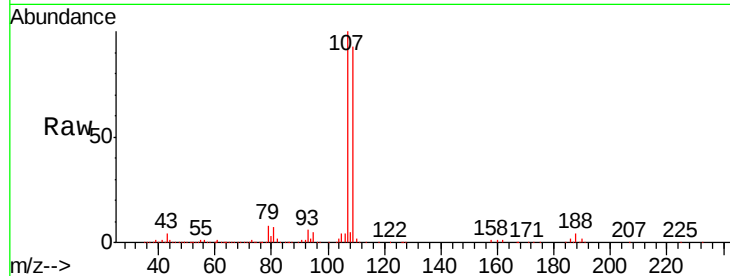
#61
 1,2-Dibromoethane
 Concen: 53.01 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 154749
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.7 113.5

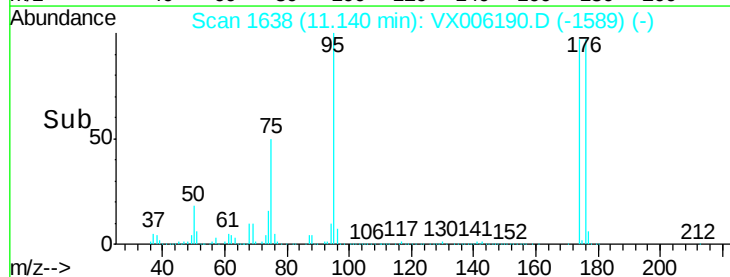
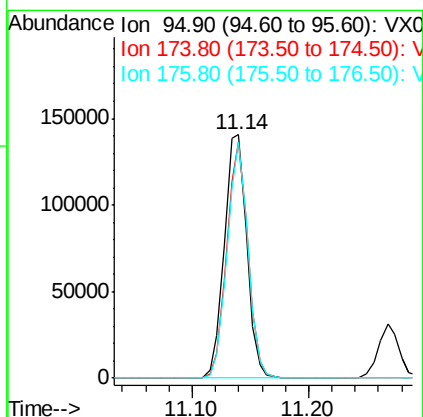
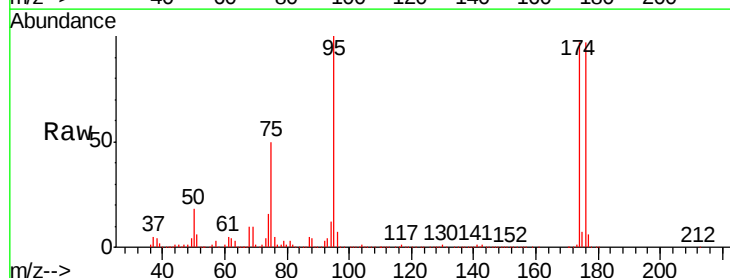
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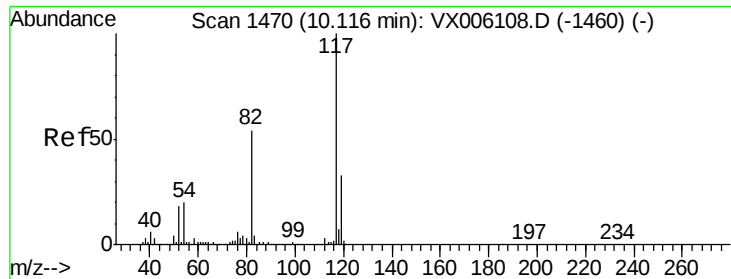
MMDadoda
 11/27/2018 11:43:41 AM



#62
 4-Bromofluorobenzene
 Concen: 51.95 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion: 95 Resp: 188353
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 184.4
 176 90.1 0.0 179.0





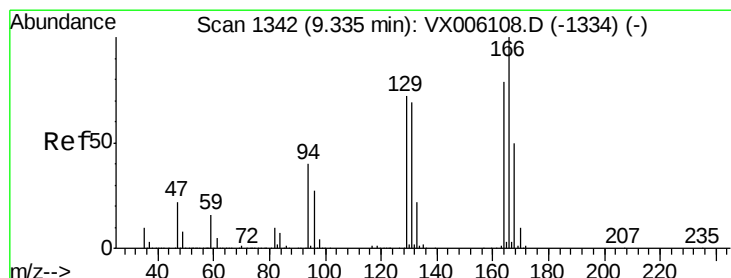
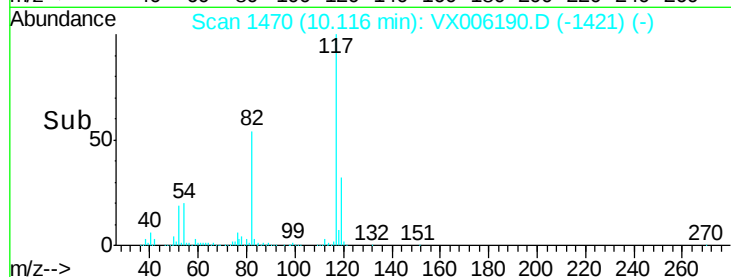
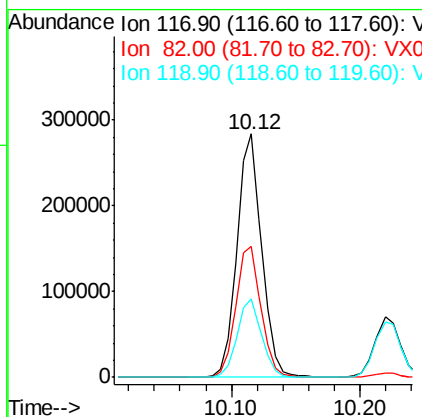
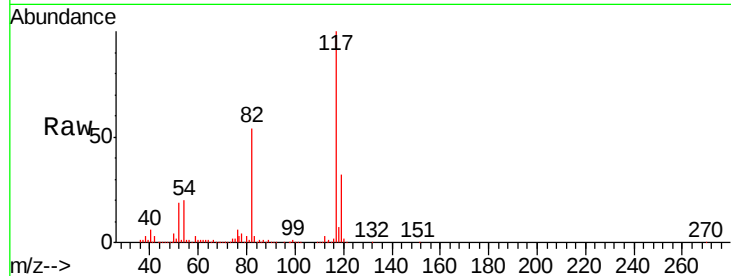
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	376659		
82	53.5	43.0	64.4	
119	32.2	26.1	39.1	

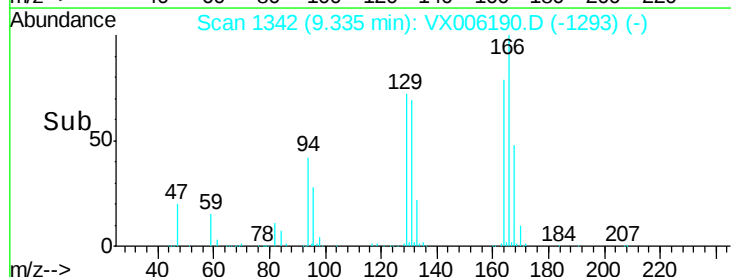
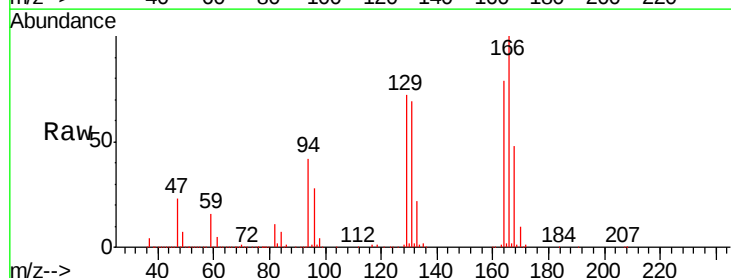
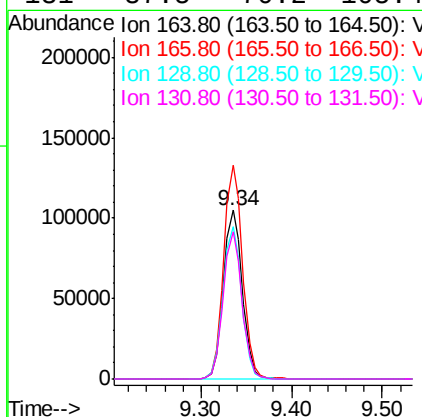
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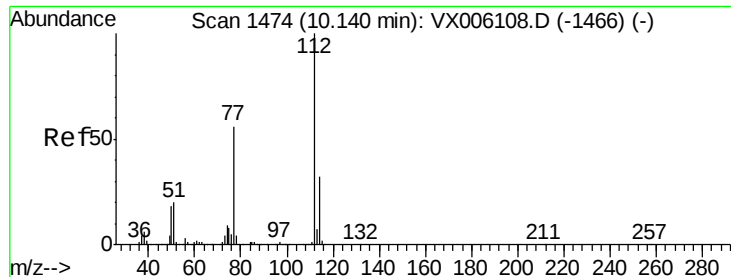
MMDadoda
11/27/2018 11:43:41 AM



#64
Tetrachloroethene
Concen: 49.36 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	152997		
166	126.6	101.5	152.3	
129	90.6	73.4	110.0	
131	87.5	70.2	105.4	





#65

Chlorobenzene

Concen: 50.89 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 393153

Ion Ratio Lower Upper

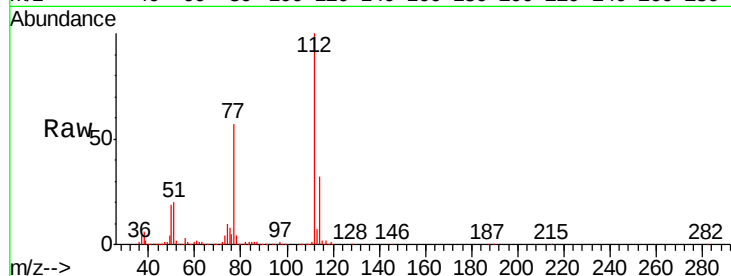
112 100

114 31.9 25.6 38.4

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

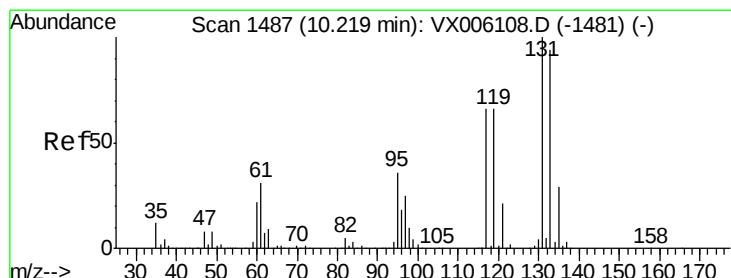
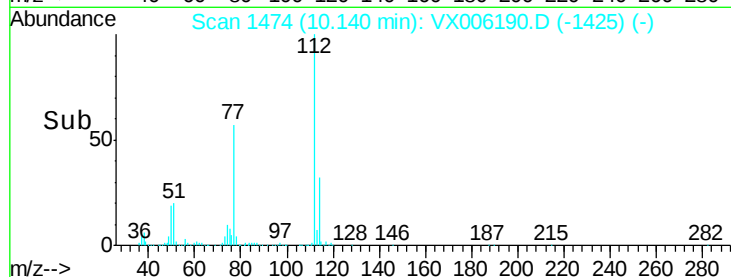
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 53.48 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

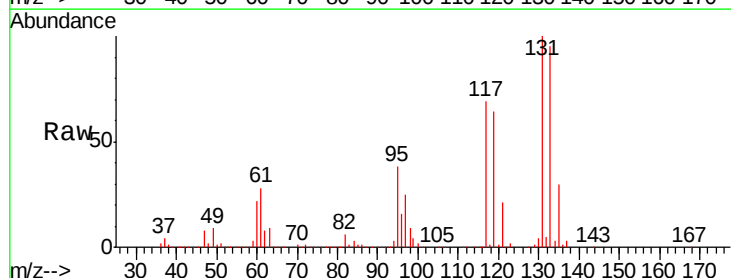
Tgt Ion:131 Resp: 141858

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.2

119 64.6 32.6 97.8



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

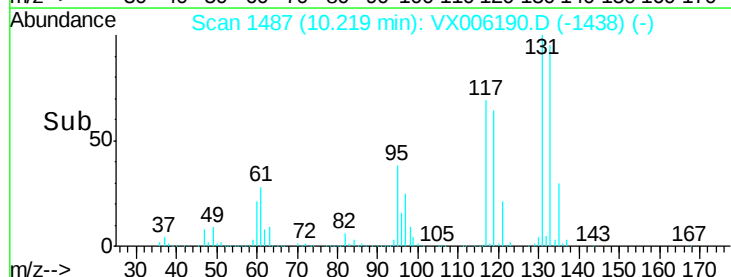
10.22

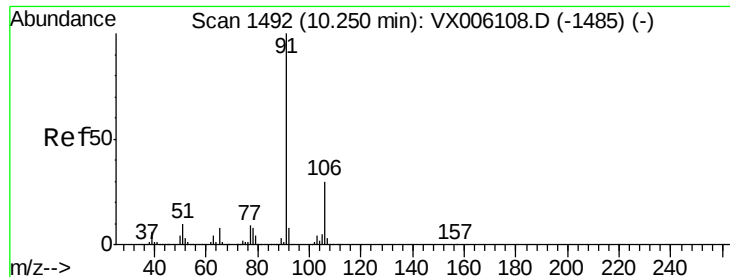
100000

50000

0

Time-->





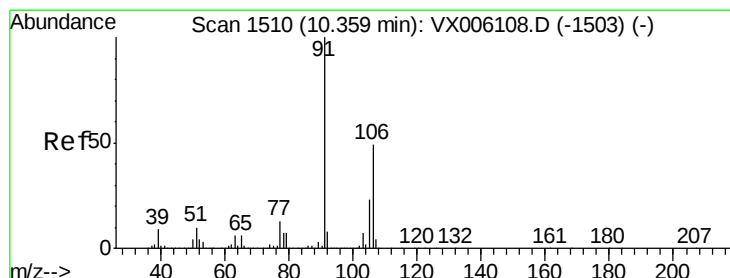
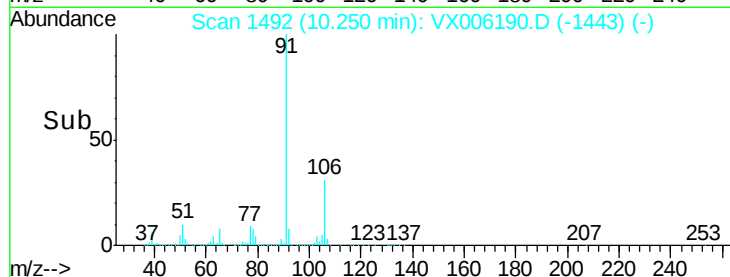
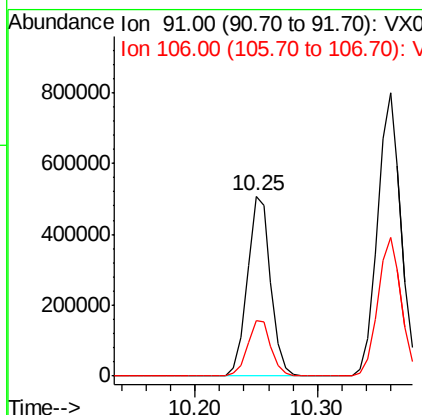
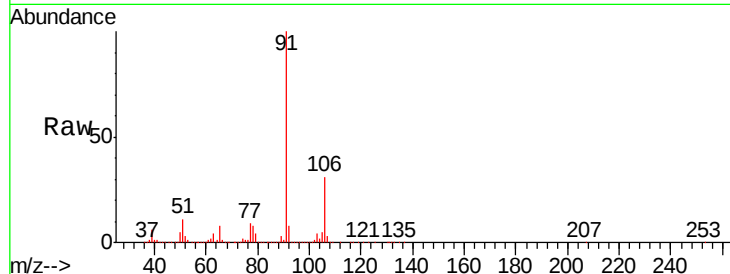
#67
Ethyl Benzene
Concen: 52.91 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 669303
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6

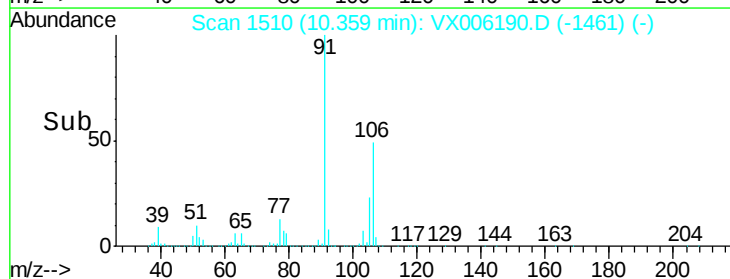
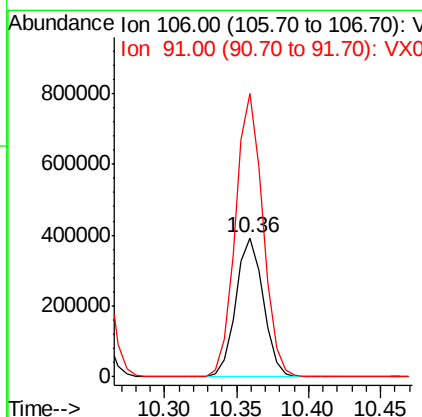
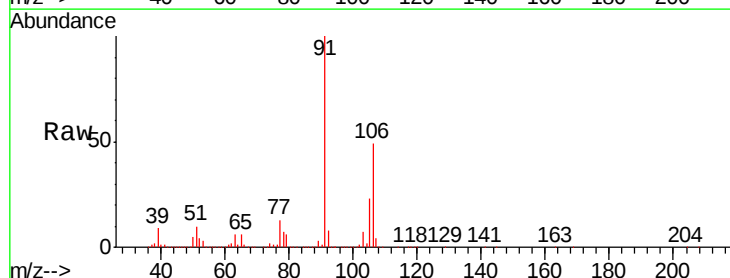
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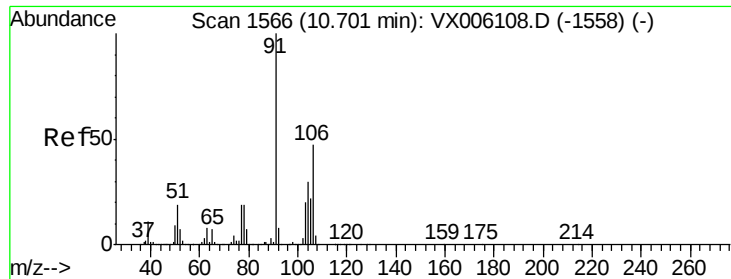
MMDadoda
11/27/2018 11:43:41 AM



#68
m/p-Xylenes
Concen: 106.29 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion: 106 Resp: 523580
Ion Ratio Lower Upper
106 100
91 203.6 162.0 243.0





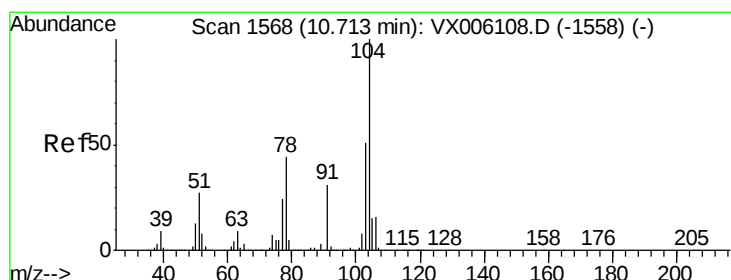
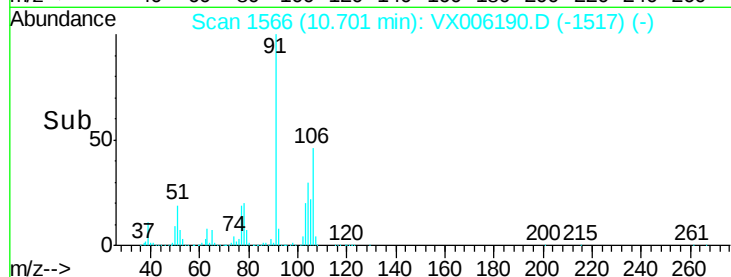
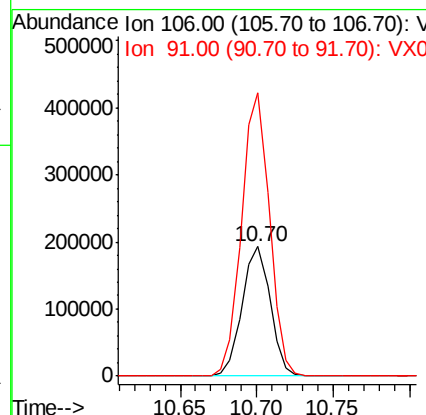
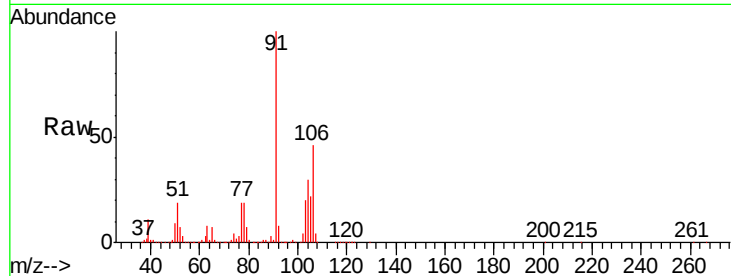
#69
o-Xylene
Concen: 52.60 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 247501
Ion Ratio Lower Upper
106 100
91 215.7 107.4 322.2

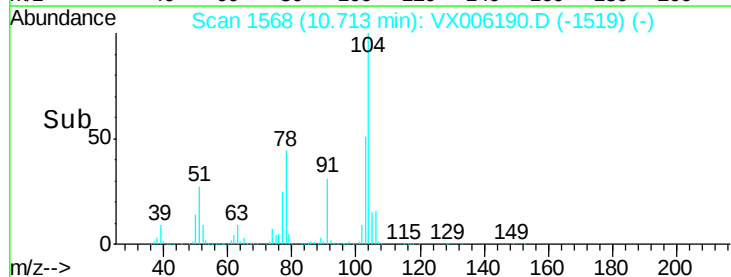
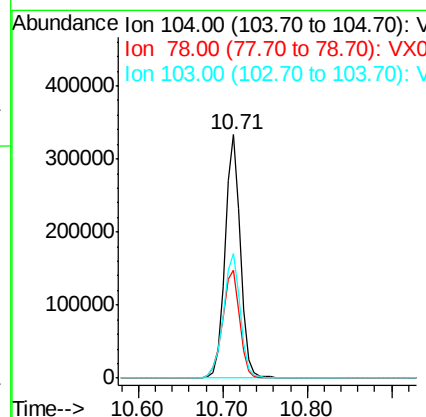
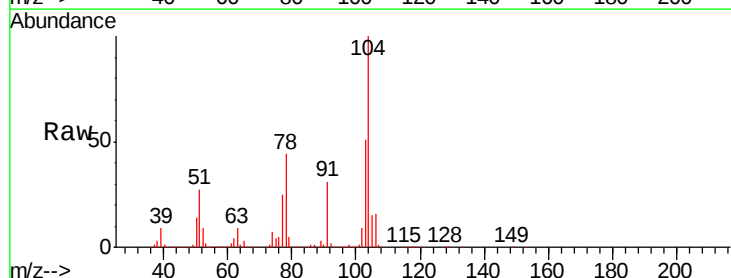
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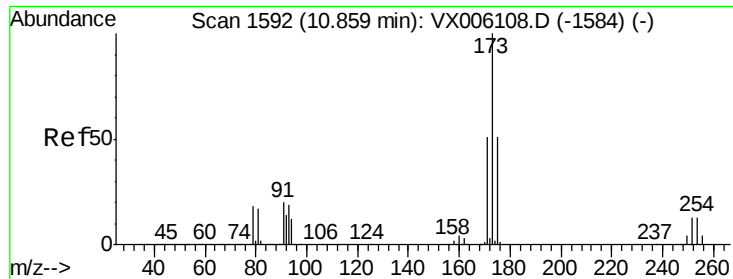
MMDadoda
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#70
Styrene
Concen: 54.82 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion:104 Resp: 420593
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.2
103 56.2 44.6 67.0





#71

Bromoform

Concen: 53.81 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

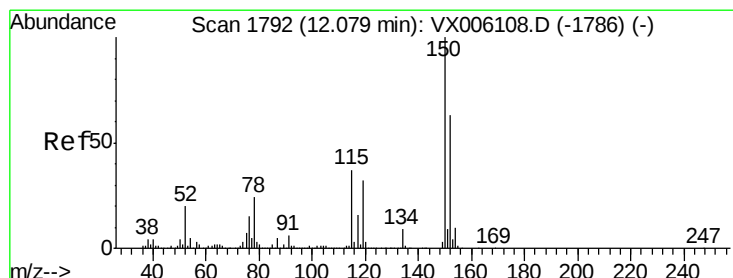
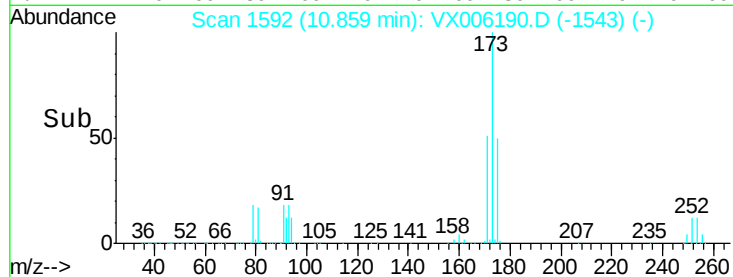
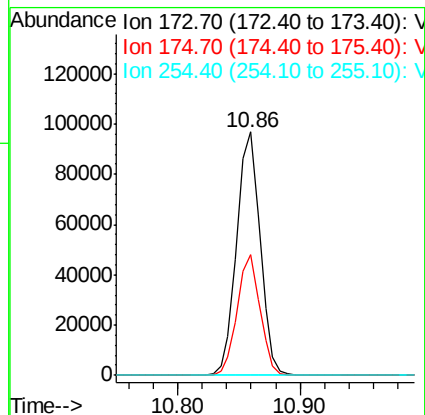
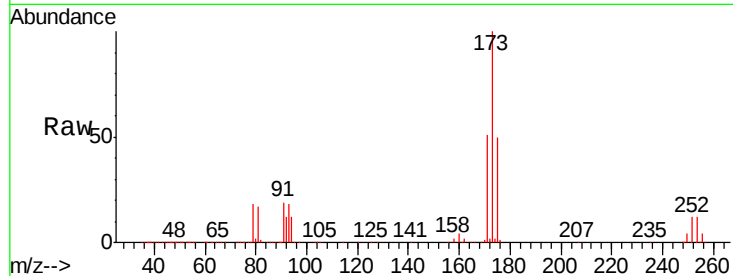
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	127751
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.9	74.6
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

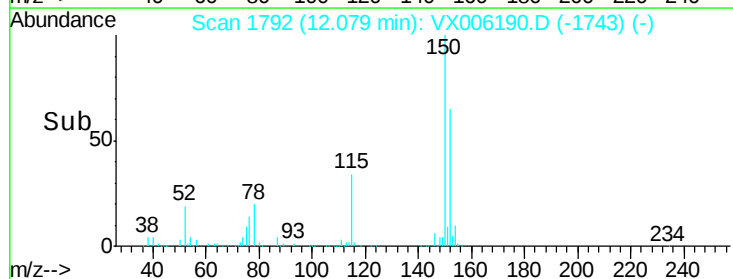
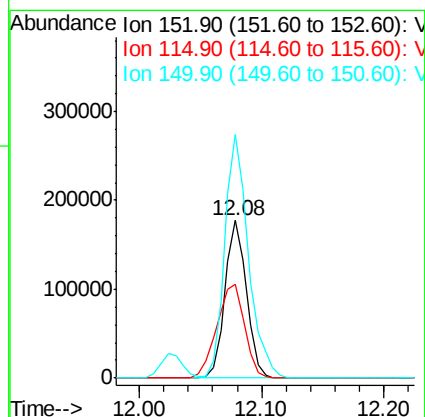
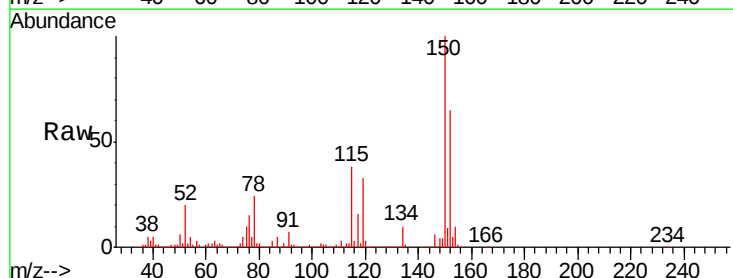
RT: 12.08 min Scan# 1792

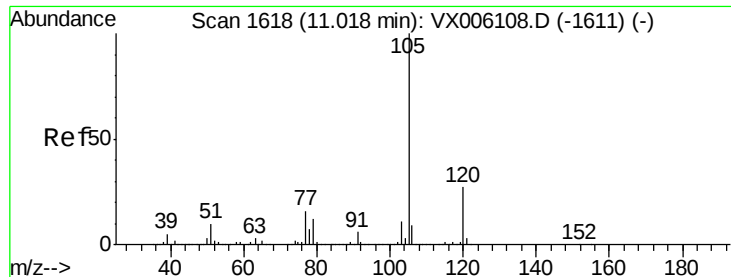
Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Tgt Ion:	152	Resp:	215826
Ion Ratio	Lower	Upper	
152	100		
115	77.2	39.0	116.9
150	170.8	0.0	346.6





#73

Isopropylbenzene

Concen: 52.53 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 685921

Ion Ratio Lower Upper

105 100

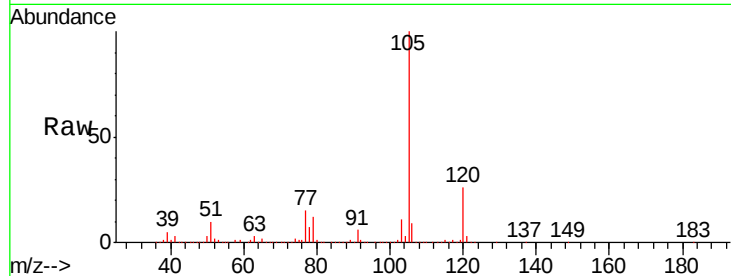
120 26.7 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

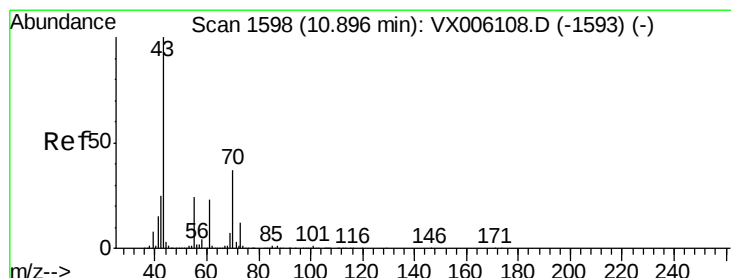
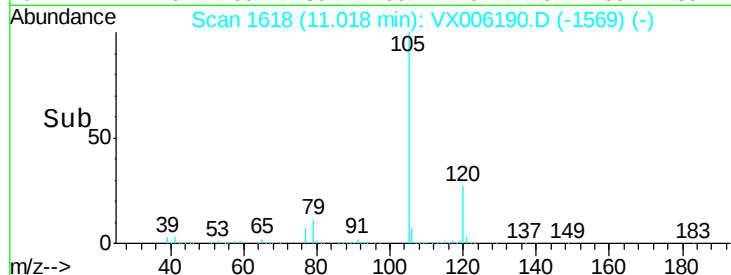
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 49.62 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Tgt Ion: 43 Resp: 330175

Ion Ratio Lower Upper

43 100

70 40.1 31.8 47.6

55 24.9 19.5 29.3

61 23.4 18.6 27.8

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

400000

300000

200000

100000

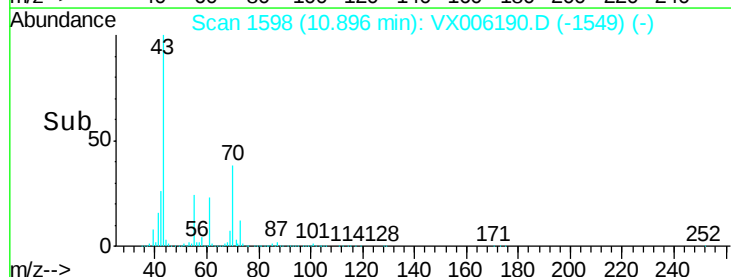
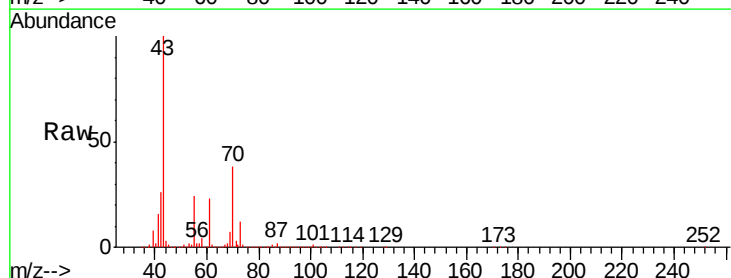
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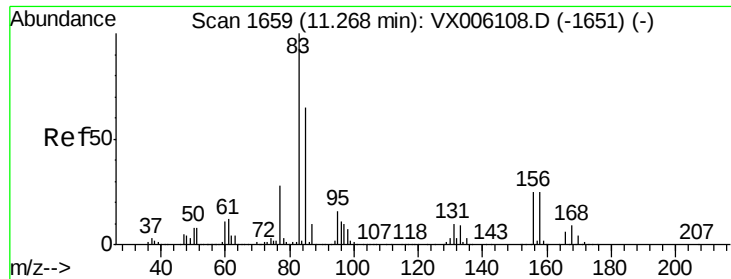
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.42 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 243198
Ion Ratio Lower Upper

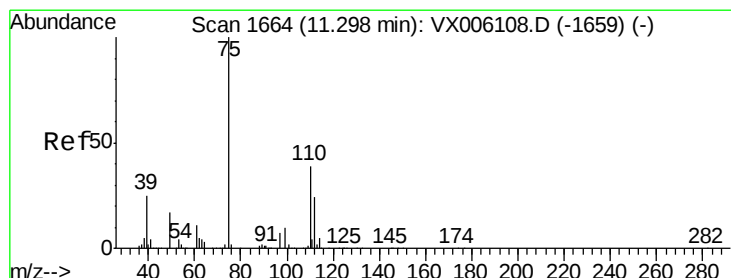
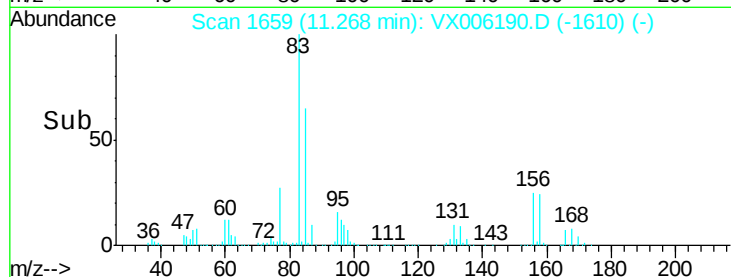
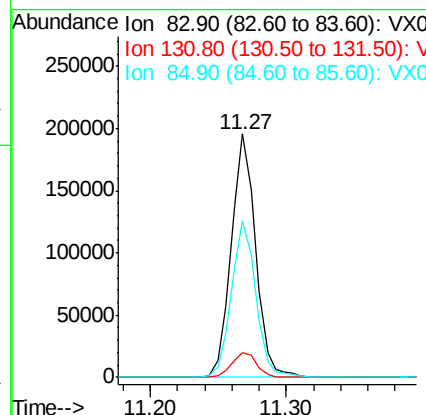
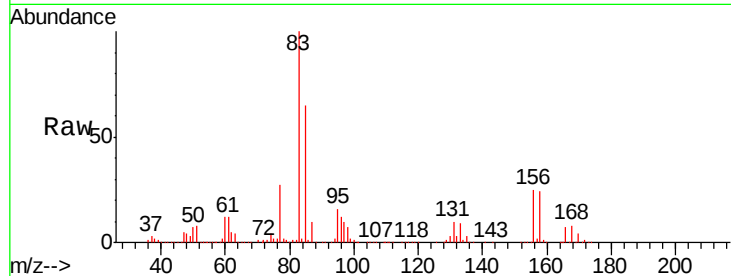
83 100

131 10.5 5.2 15.6

85 64.8 32.6 97.8

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#76

1,2,3-Trichloropropane

Concen: 52.35 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

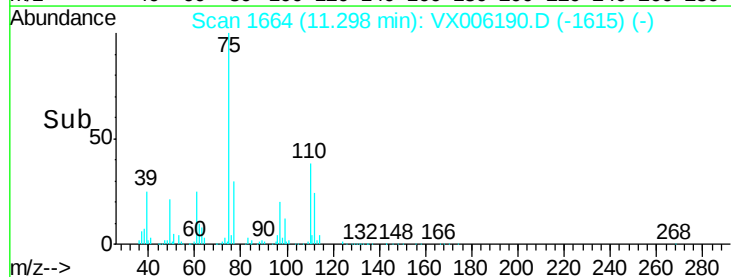
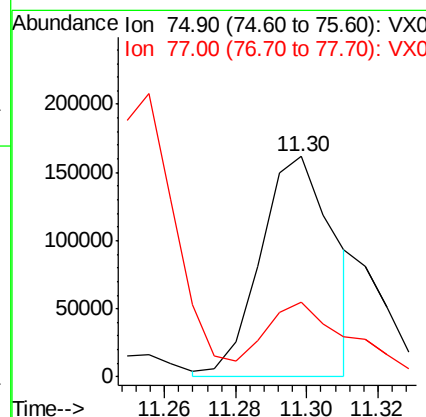
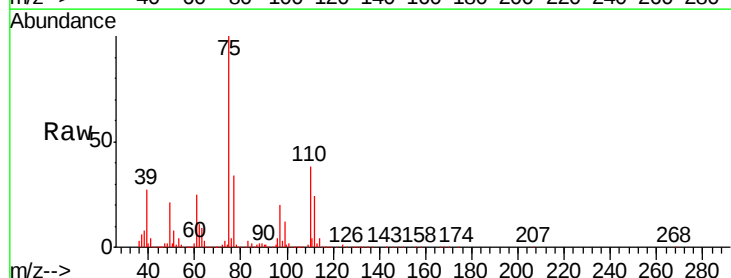
Lab File: VX006190.D

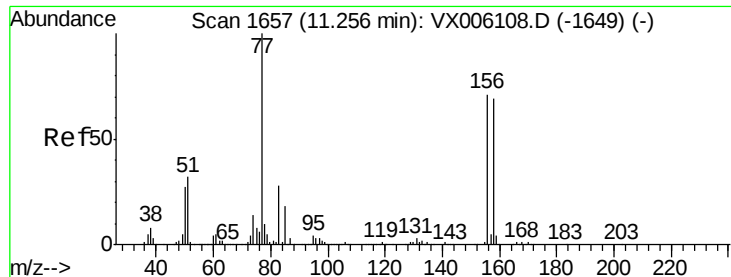
Acq: 26 Nov 2018 22:17

Tgt Ion: 75 Resp: 232620
Ion Ratio Lower Upper

75 100

77 38.9 19.6 58.7





#77

Bromobenzene

Concen: 50.06 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

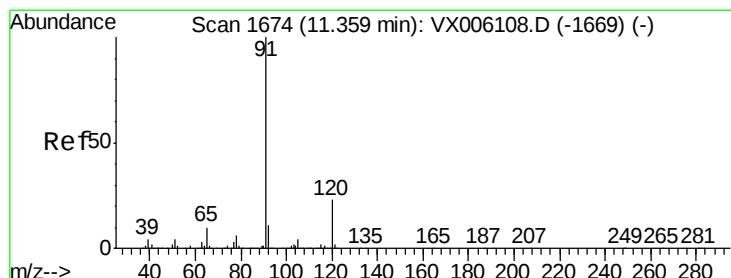
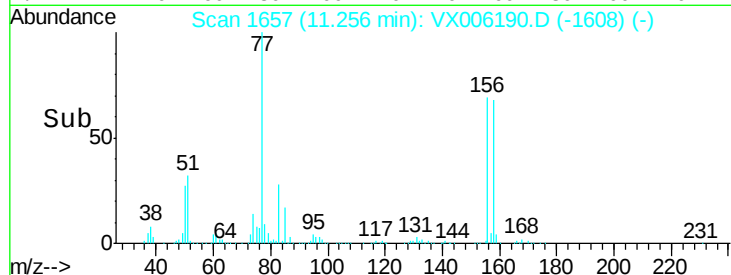
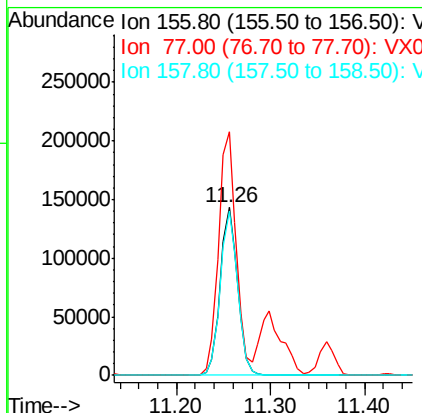
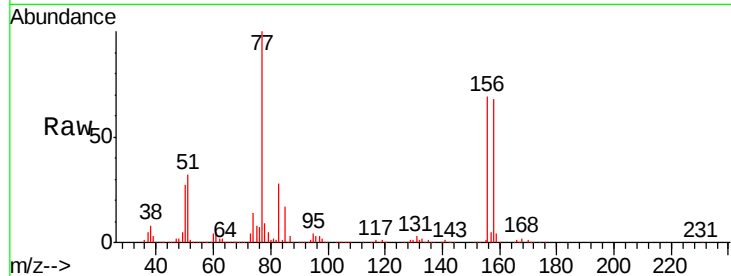
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	148.0	74.3	222.8
158	97.8	49.0	147.0

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#78

n-propylbenzene

Concen: 52.73 ug/l

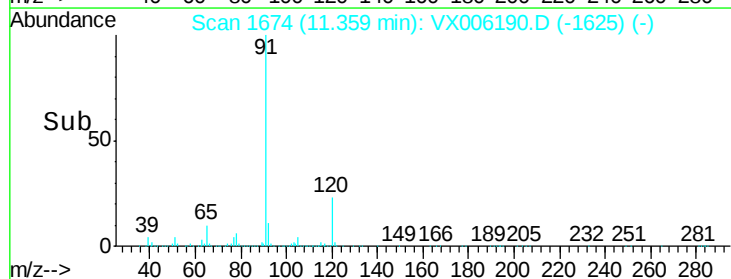
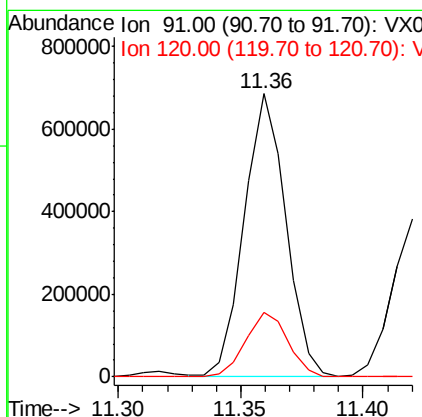
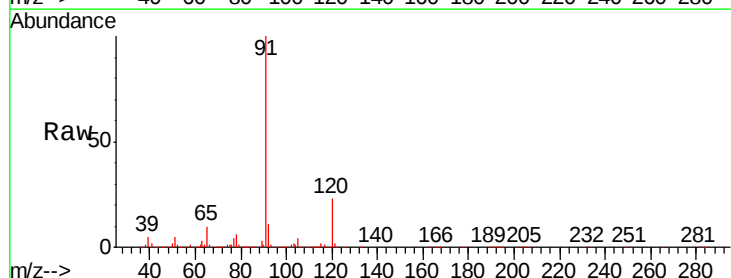
RT: 11.36 min Scan# 1674

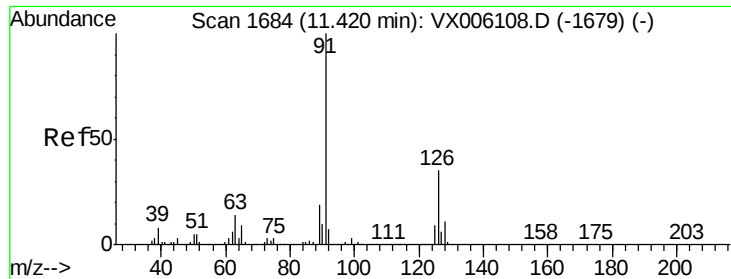
Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 51.01 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 469320

Ion Ratio Lower Upper

91 100

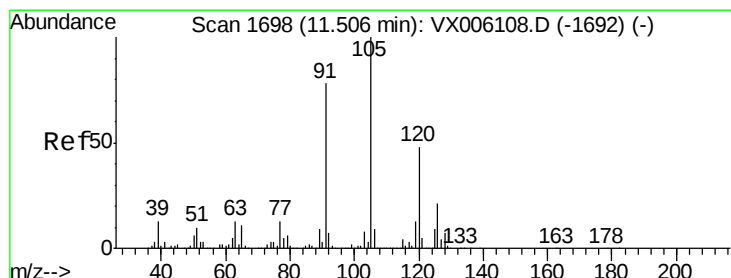
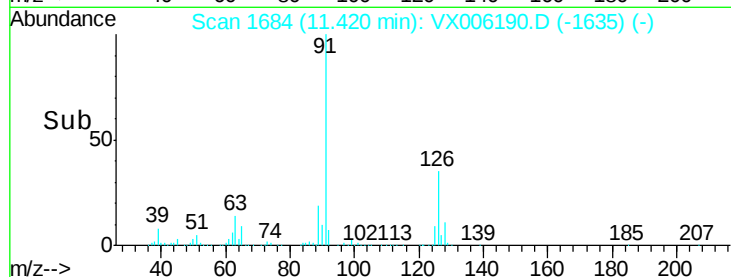
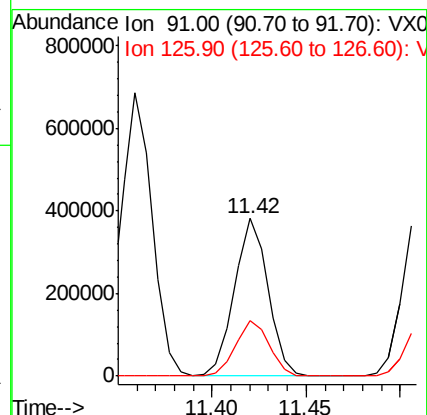
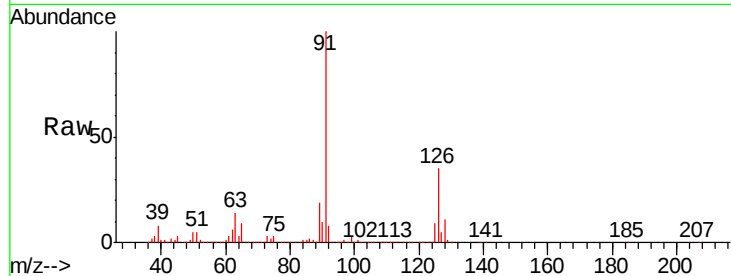
126 35.2 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.05 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006190.D

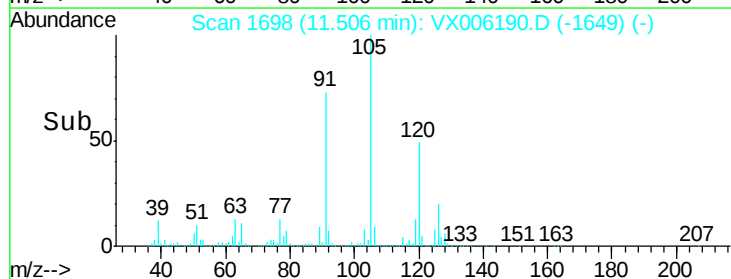
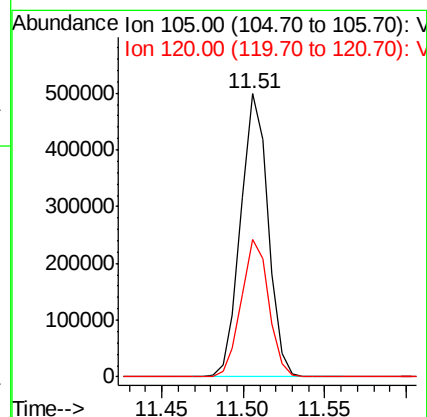
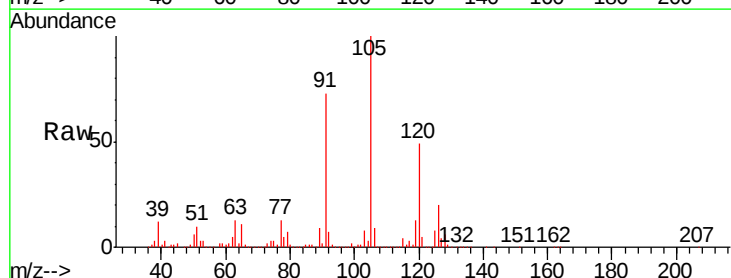
Acq: 26 Nov 2018 22:17

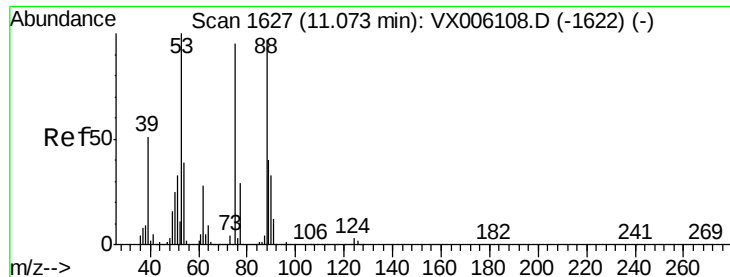
Tgt Ion: 105 Resp: 584057

Ion Ratio Lower Upper

105 100

120 48.8 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.72 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

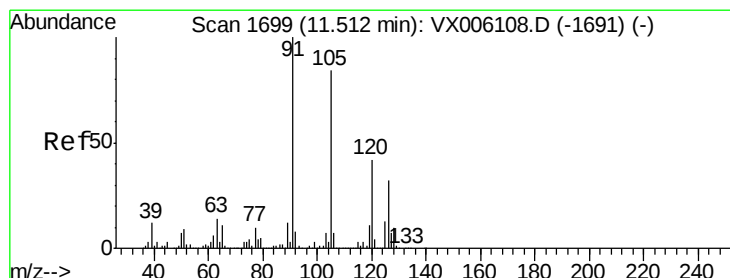
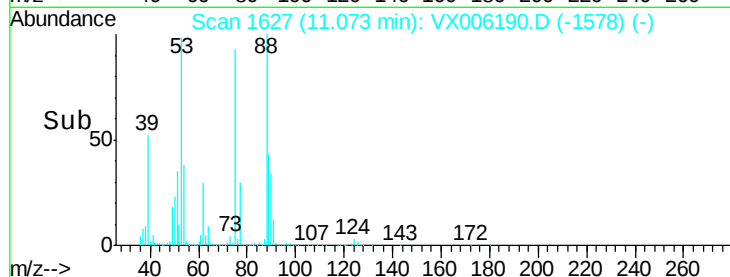
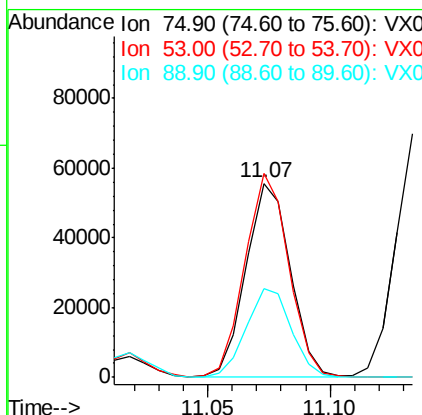
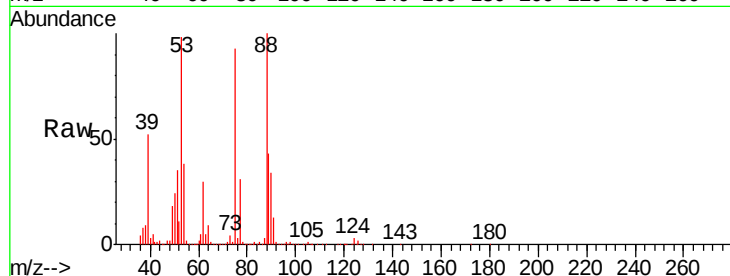
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	69256
Ion	Ratio	Lower	Upper
75	100		
53	104.7	85.3	127.9
89	47.1	37.2	55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.70 ug/l

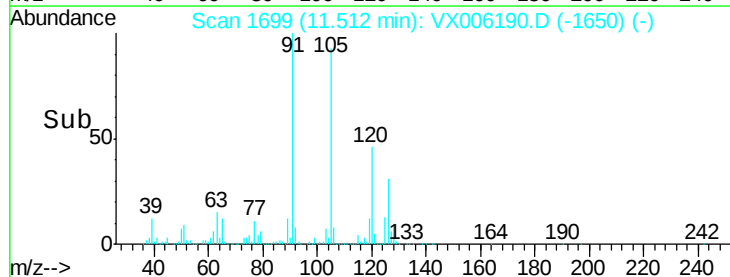
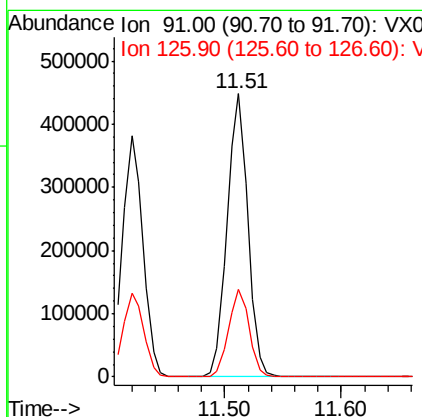
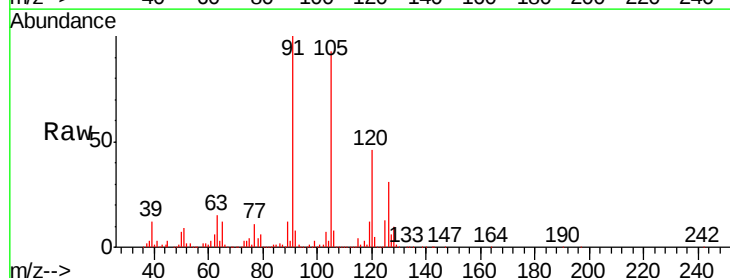
RT: 11.51 min Scan# 1699

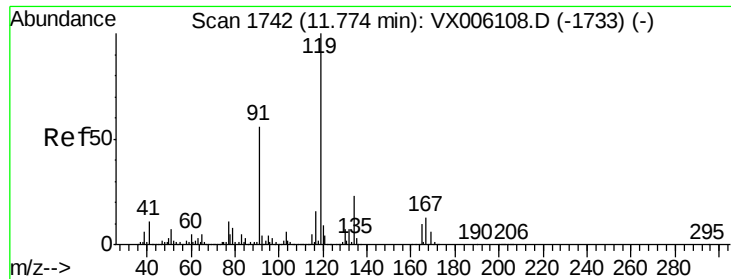
Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Tgt Ion:	91	Resp:	555078
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.3	45.9





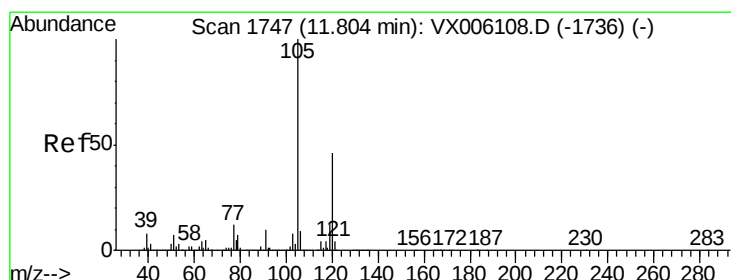
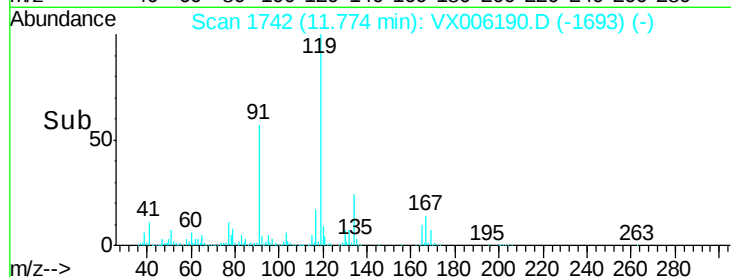
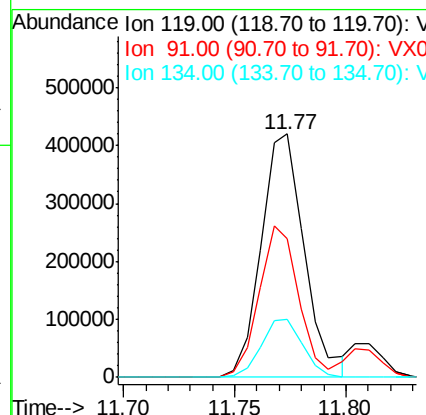
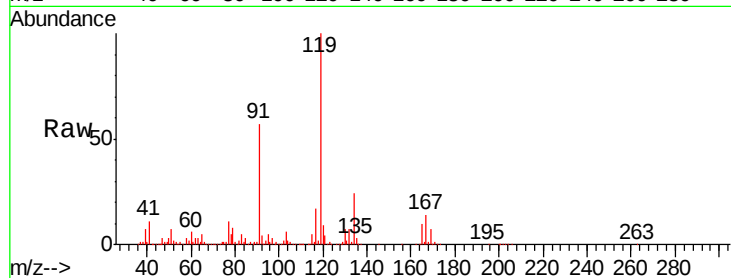
#83
 tert-Butylbenzene
 Concen: 52.79 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.0	28.2	84.6
134	22.9	11.5	34.4

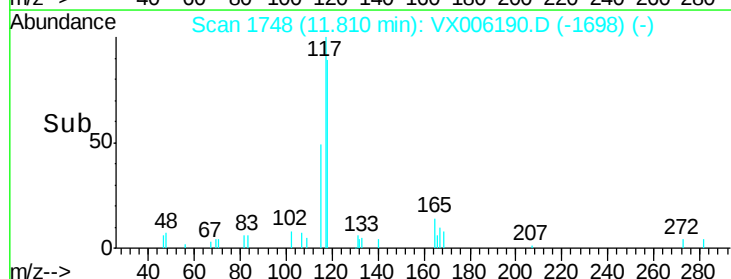
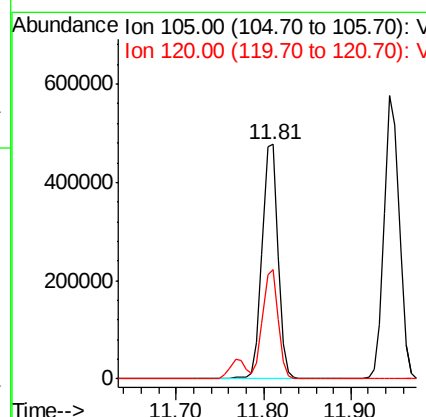
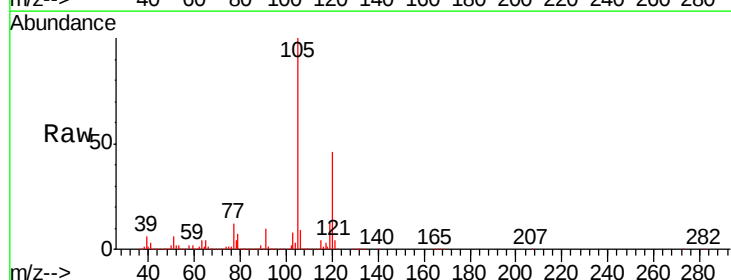
Manual Integrations
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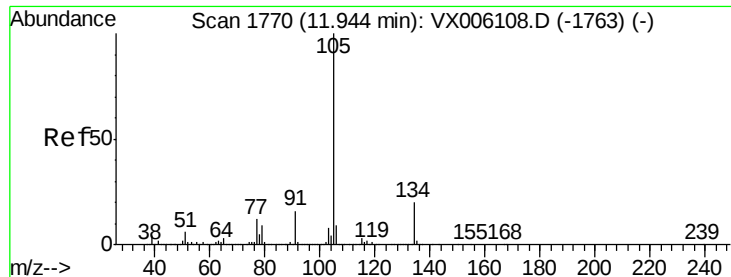
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.51 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.7	68.0





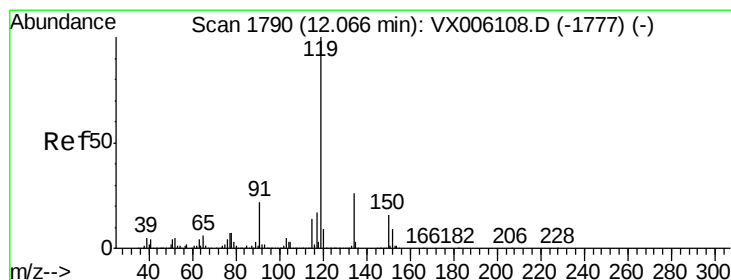
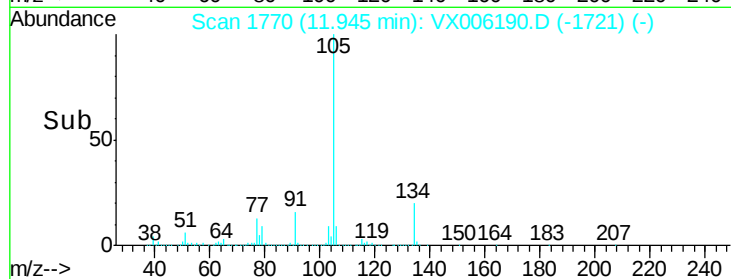
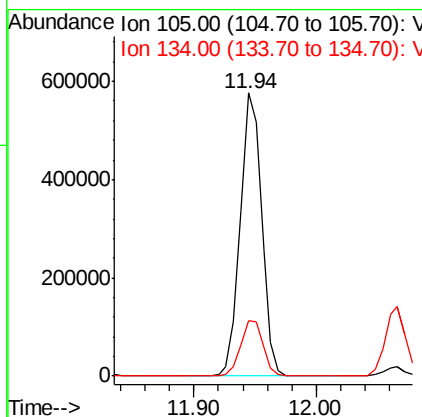
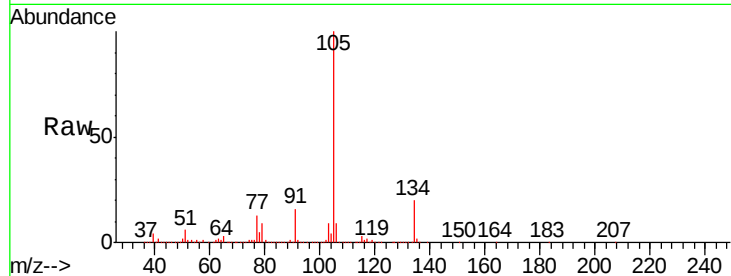
#85
 sec-Butylbenzene
 Concen: 52.94 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.4	31.1

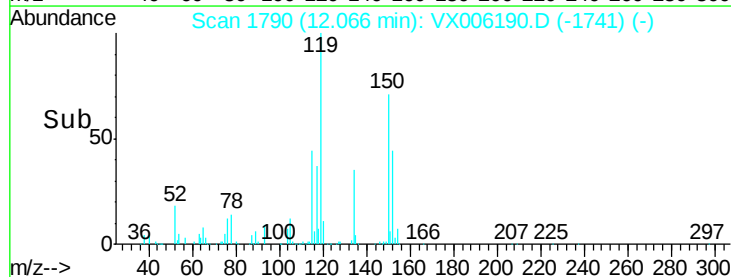
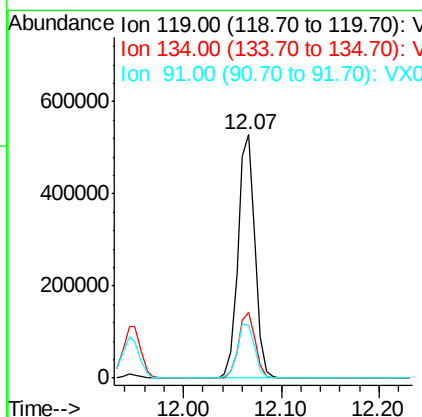
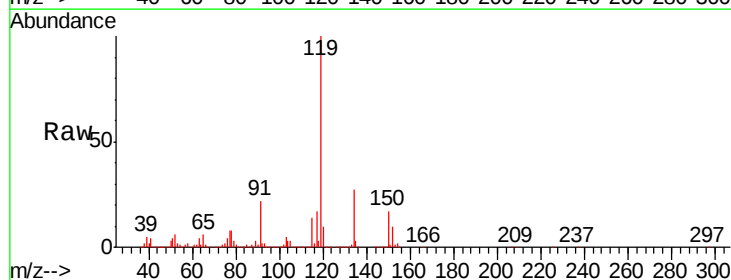
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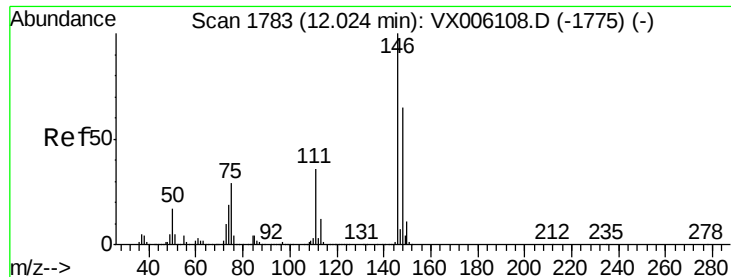
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 53.34 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.1	39.3
91	23.1	11.3	33.9





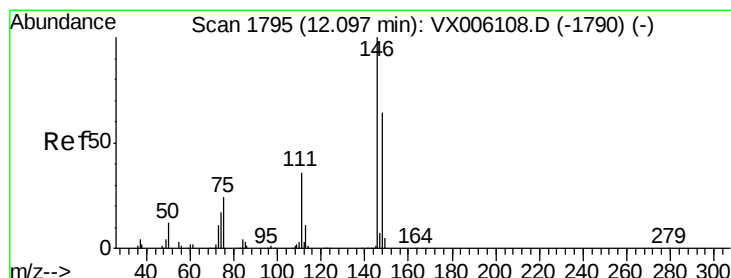
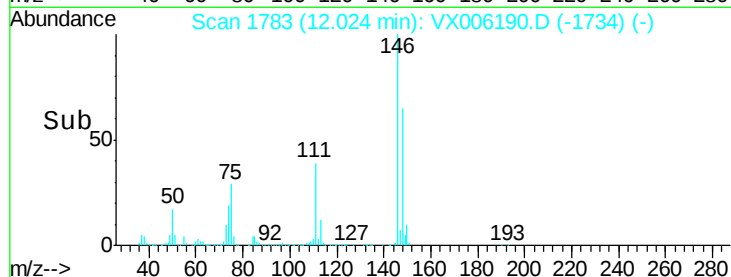
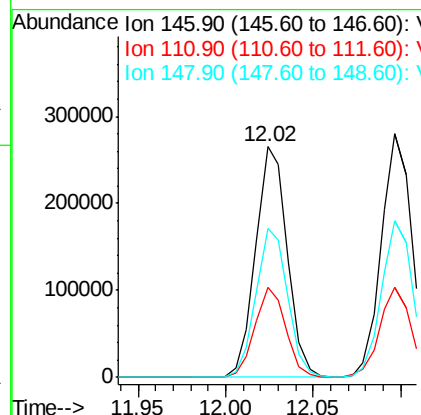
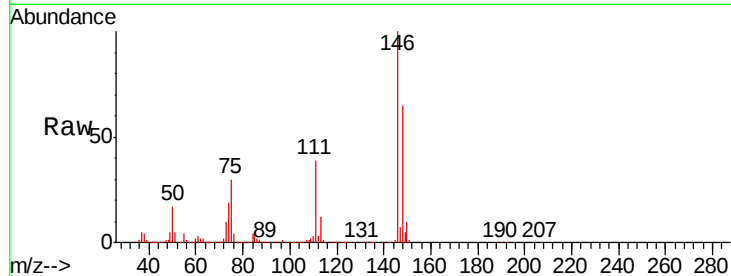
#87
 1,3-Dichlorobenzene
 Concen: 49.77 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	64.7	32.2	96.6

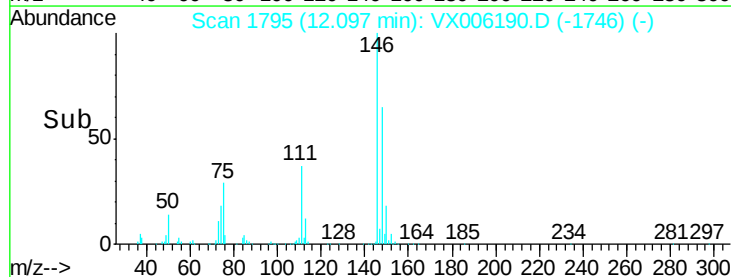
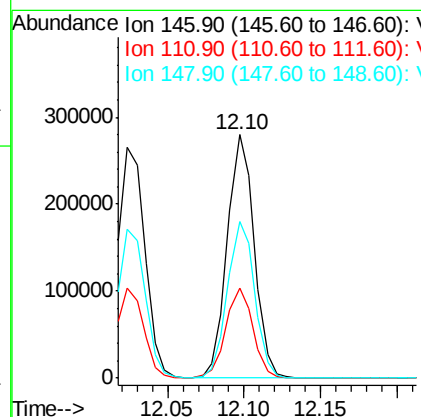
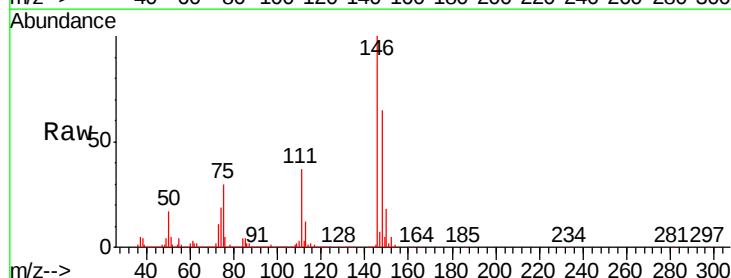
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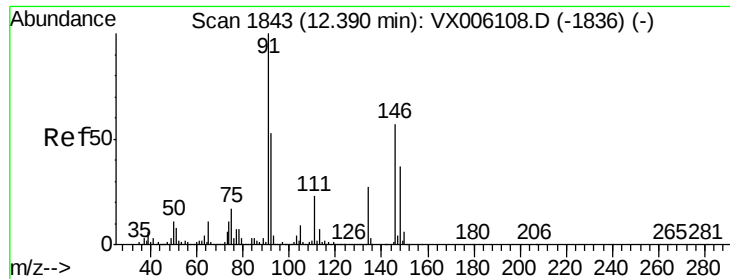
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 11/27/2018 11:43:41 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.92 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.3	54.9
148	65.1	32.2	96.6





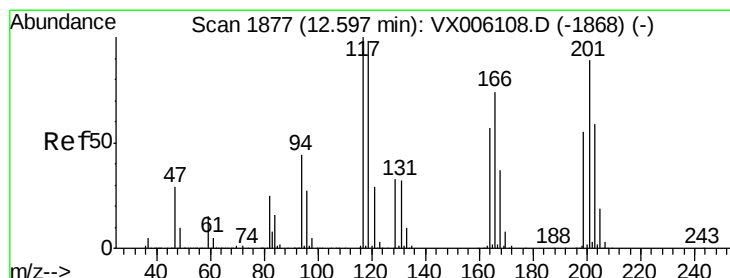
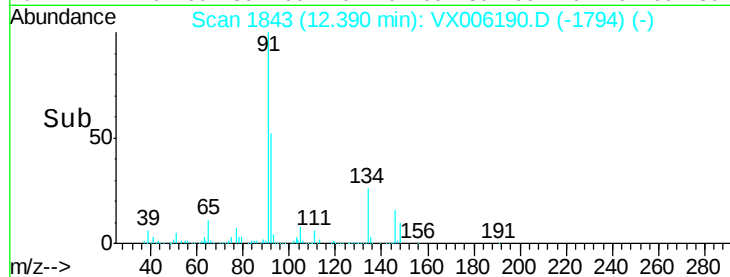
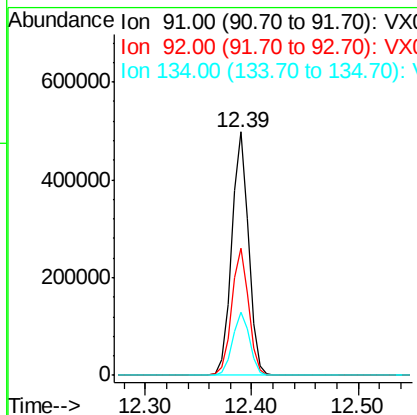
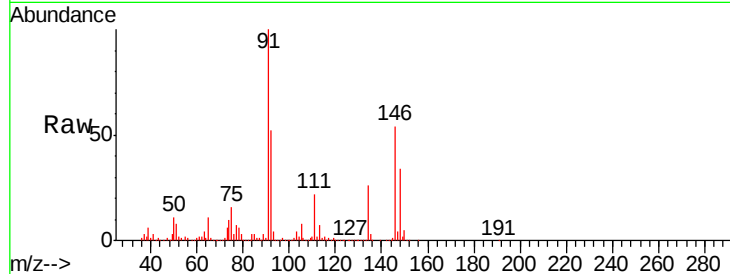
#89
n-Butylbenzene
Concen: 52.07 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	552611		
92	52.5	26.6	79.7	
134	26.3	13.1	39.3	

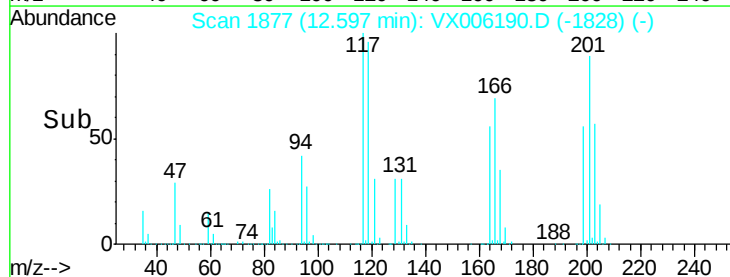
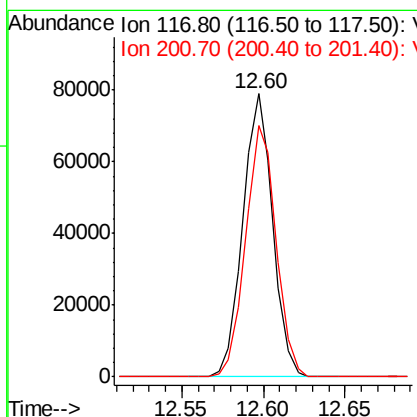
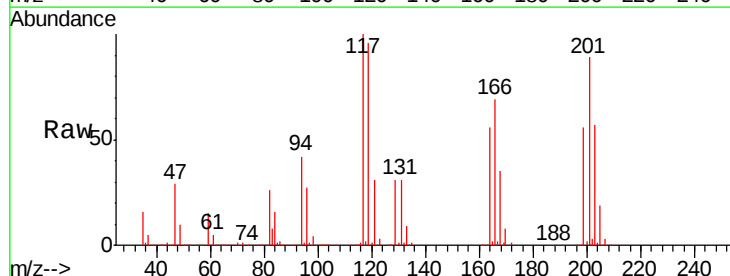
Manual Integrations
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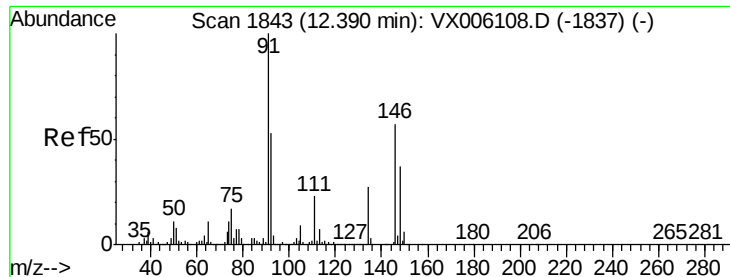
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#90
Hexachloroethane
Concen: 53.71 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100475		
201	90.9	46.1	138.2	





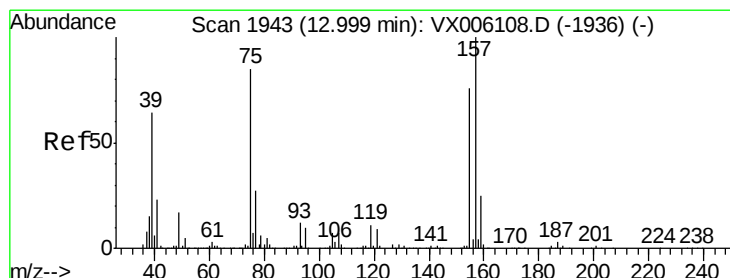
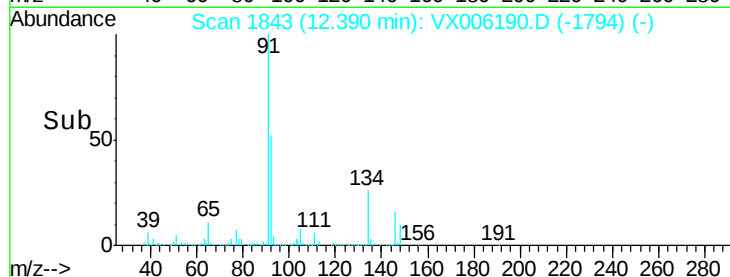
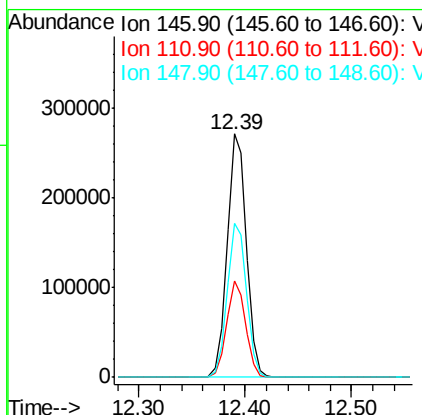
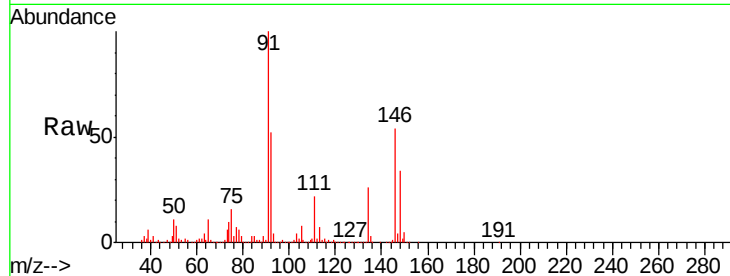
#91
 1,2-Dichlorobenzene
 Concen: 49.61 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.8
148	64.1	32.0	96.0

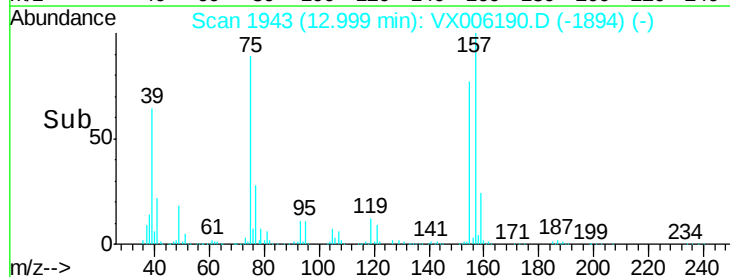
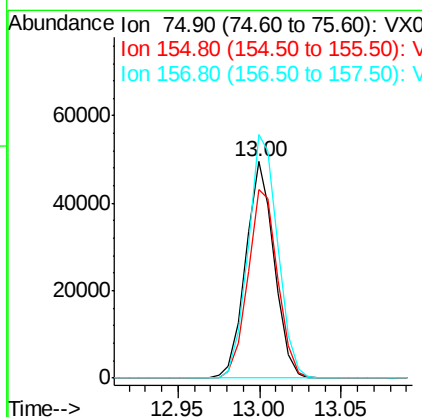
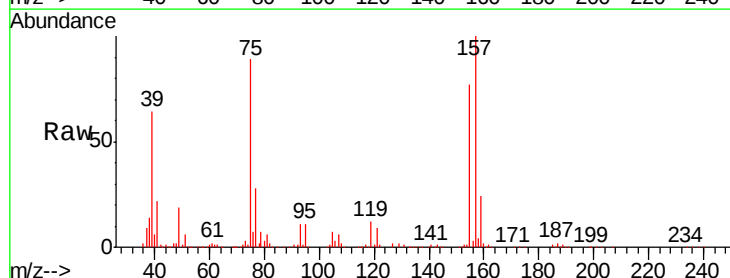
Manual Integrations
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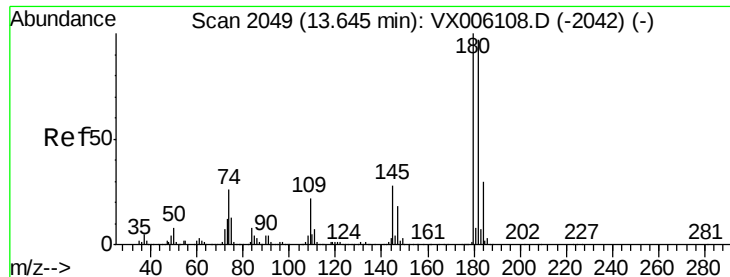
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.93 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	46.1	138.3
157	117.1	59.8	179.3





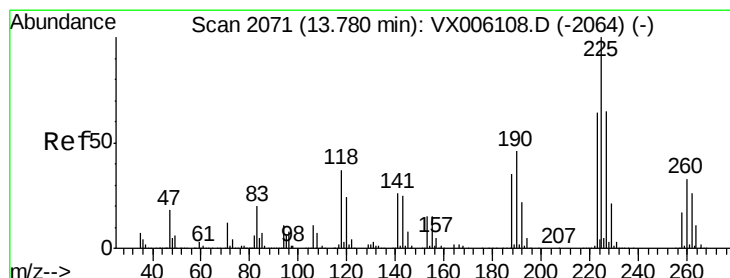
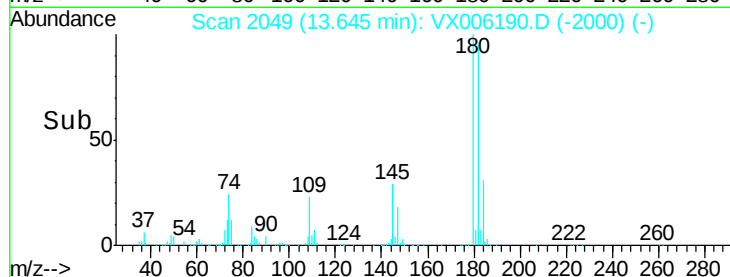
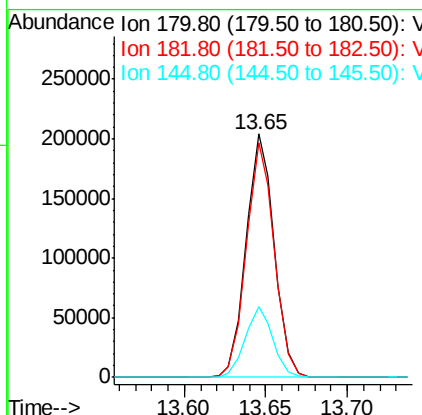
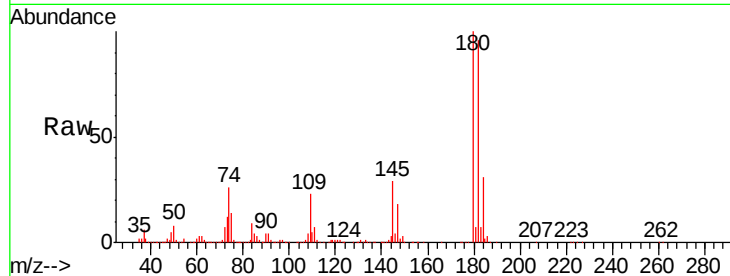
#93
 1,2,4-Trichlorobenzene
 Concen: 50.35 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	244586		
182	95.7	48.2	144.6	
145	28.5	14.1	42.2	

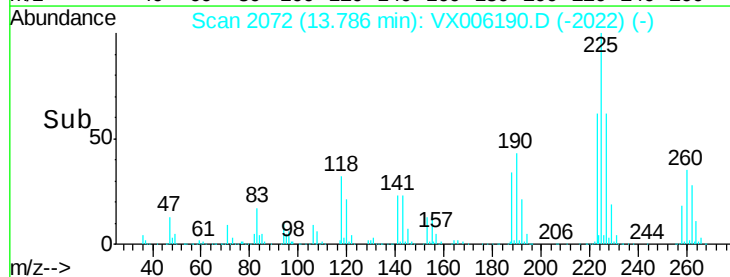
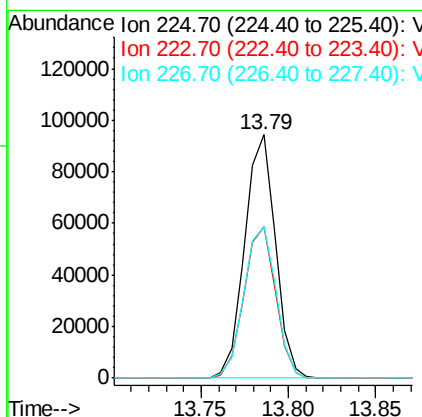
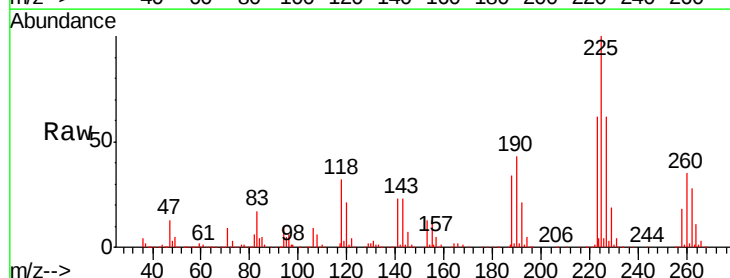
Manual Integrations
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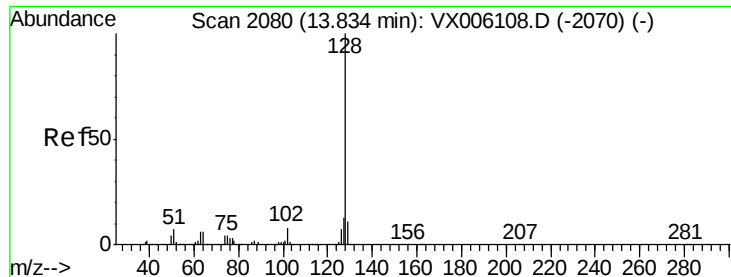
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 11/27/2018 11:43:41 AM



#94
 Hexachlorobutadiene
 Concen: 48.67 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	115232		
223	64.0	31.2	93.6	
227	64.9	32.4	97.2	





#95

Naphthalene

Concen: 54.90 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

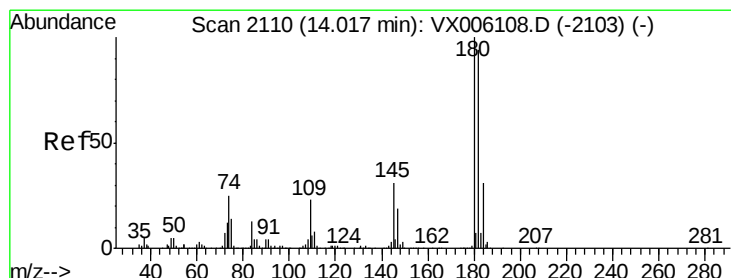
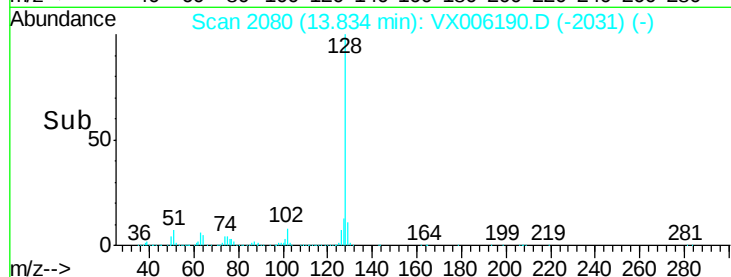
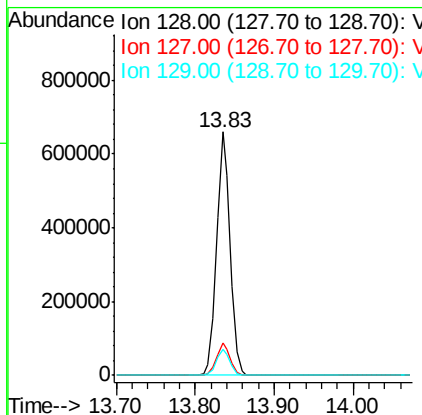
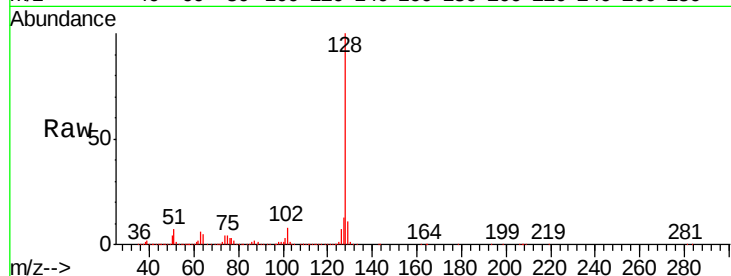
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	784201
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
APPROVED

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11/27/2018 11:43:41 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.79 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Tgt Ion:	180	Resp:	251520
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.5	142.5
145	29.9	15.0	45.0

