

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004949.D
 Acq On : 03 Oct 2018 05:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 10/3/2018 5:56:46 PM

Quant Time: Oct 03 08:42:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	233869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199405	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160079	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	5.50	113	130837	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	8.72	98	479987	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.14	95	178824	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	168996	52.998	ug/l	98
3) Chloromethane	1.32	50	192343	49.718	ug/l	90
4) Vinyl Chloride	1.40	62	183474	50.565	ug/l	95
5) Bromomethane	1.64	94	108672	50.506	ug/l	95
6) Chloroethane	1.71	64	101714	51.508	ug/l	95
7) Trichlorofluoromethane	1.92	101	233443	51.968	ug/l	100
8) Diethyl Ether	2.19	74	94976	48.669	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	132538	51.797	ug/l	98
10) Methyl Iodide	2.51	142	128650	37.573	ug/l #	90
11) Tert butyl alcohol	3.09	59	240871	257.857	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123154	48.600	ug/l	92
13) Acrolein	2.29	56	114401	172.128	ug/l	96
14) Allyl chloride	2.73	41	279384	50.530	ug/l	97
15) Acrylonitrile	3.15	53	533609	259.491	ug/l	93
16) Acetone	2.45	43	482343	247.300	ug/l	99
17) Carbon Disulfide	2.56	76	359941	47.270	ug/l	99
18) Methyl Acetate	2.78	43	295360	59.770	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	461566	52.806	ug/l	96
20) Methylene Chloride	2.85	84	146481	51.682	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	132426	47.739	ug/l	87
22) Diisopropyl ether	3.87	45	504337	54.169	ug/l	98
23) Vinyl Acetate	3.82	43	2083892	244.518	ug/l	99
24) 1,1-Dichloroethane	3.70	63	263775	47.494	ug/l	97
25) 2-Butanone	4.71	43	747175	259.887	ug/l	91
26) 2,2-Dichloropropane	4.59	77	122136	31.581	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	150595	48.596	ug/l	97
28) Bromochloromethane	5.01	49	129420	49.485	ug/l	95
29) Tetrahydrofuran	5.15	42	483937	270.822	ug/l	97
30) Chloroform	5.21	83	253085	48.217	ug/l	99
31) Cyclohexane	5.57	56	215847	50.779	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	210395	49.081	ug/l	96
36) 1,1-Dichloropropene	5.80	75	179066	46.177	ug/l	96
37) Ethyl Acetate	4.86	43	258824	50.282	ug/l	99
38) Carbon Tetrachloride	5.78	117	185626	45.538	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201814	50.968	ug/l #	86
40) Benzene	6.14	78	585125	48.197	ug/l	93
41) Methacrylonitrile	5.07	41	145597	51.004	ug/l	99
42) 1,2-Dichloroethane	6.20	62	204590	47.671	ug/l	99
43) Isopropyl Acetate	6.47	43	375734	50.573	ug/l	97
44) Trichloroethene	7.21	130	147359	49.376	ug/l	96
45) 1,2-Dichloropropane	7.52	63	150012	50.388	ug/l	99
46) Dibromomethane	7.66	93	95583	51.086	ug/l	98
47) Bromodichloromethane	7.90	83	184504	52.669	ug/l	99
48) Methyl methacrylate	7.78	41	190925	56.618	ug/l	99
49) 1,4-Dioxane	7.76	88	87821	1048.272	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1323351	282.891	ug/l	100
52) Toluene	8.79	92	339634	50.913	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	190930	48.232	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	208223	50.219	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	144435	49.429	ug/l	97
56) Ethyl methacrylate	9.18	69	227468	48.088	ug/l	97
57) 1,3-Dichloropropane	9.37	76	241387	49.635	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	646698	256.464	ug/l	100
59) 2-Hexanone	9.50	43	1053756	270.317	ug/l	95
60) Dibromochloromethane	9.58	129	149297	51.089	ug/l	99
61) 1,2-Dibromoethane	9.68	107	150603	48.126	ug/l	96
64) Tetrachloroethene	9.34	164	159879	50.507	ug/l	96
65) Chlorobenzene	10.14	112	379895	46.062	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	140216	48.360	ug/l	99
67) Ethyl Benzene	10.26	91	646839	49.400	ug/l	97
68) m/p-Xylenes	10.36	106	509340	99.545	ug/l	96
69) o-Xylene	10.70	106	242663	51.634	ug/l	100
70) Styrene	10.71	104	412609	47.073	ug/l	99
71) Bromoform	10.86	173	124849	50.296	ug/l	97
73) Isopropylbenzene	11.02	105	653424	51.988	ug/l	100
74) N-amyl acetate	10.90	43	328925	47.696	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	239798	46.869	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	217774m	48.726	ug/l	
77) Bromobenzene	11.26	156	175809	48.158	ug/l	99
78) n-propylbenzene	11.36	91	751921	52.140	ug/l	99
79) 2-Chlorotoluene	11.42	91	456222	50.754	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	559782	48.588	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	61830	38.219	ug/l	98
82) 4-Chlorotoluene	11.51	91	535025	50.567	ug/l	99
83) tert-Butylbenzene	11.77	119	535252	51.724	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	578825	48.718	ug/l	99
85) sec-Butylbenzene	11.95	105	656831	52.111	ug/l	99
86) p-Isopropyltoluene	12.07	119	593214	51.946	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	323621	47.473	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	331242	47.071	ug/l	99
89) n-Butylbenzene	12.39	91	522671	50.396	ug/l	100
90) Hexachloroethane	12.60	117	92601	48.702	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	331760	46.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57649	51.317	ug/l	98

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VSTDCCC050

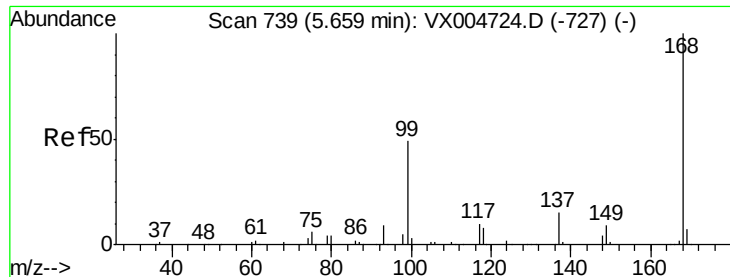
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	244988	49.024	ug/l	99
94) Hexachlorobutadiene	13.79	225	119445	46.093	ug/l	100
95) Naphthalene	13.83	128	815406	49.173	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	259134	50.197	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 233869

Ion Ratio Lower Upper

168 100

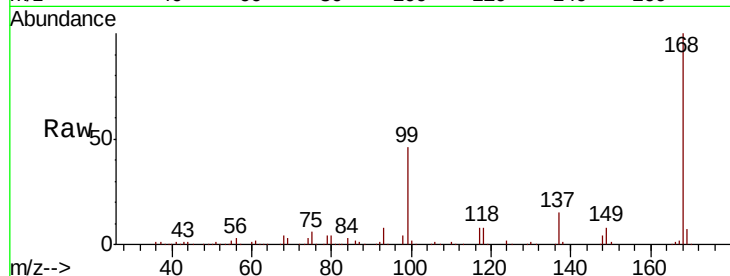
99 45.4 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

40000

20000

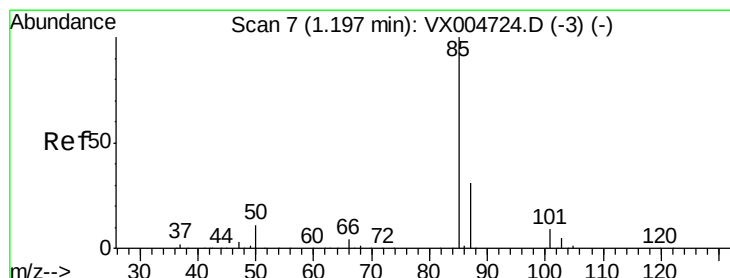
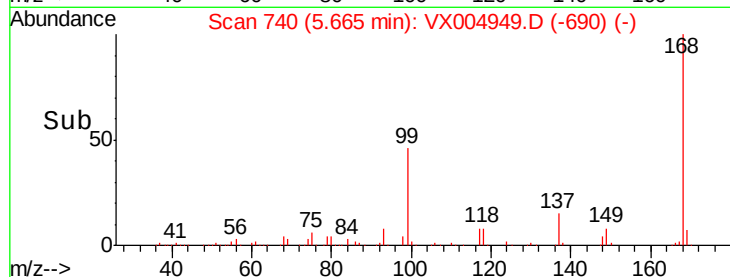
0

Time-->

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 52.998 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004949.D

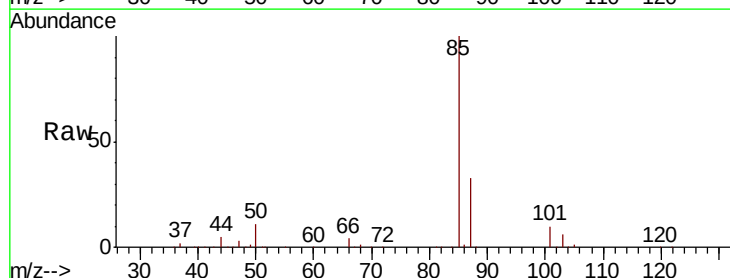
Acq: 03 Oct 2018 05:17

Tgt Ion: 85 Resp: 168996

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

100000

50000

0

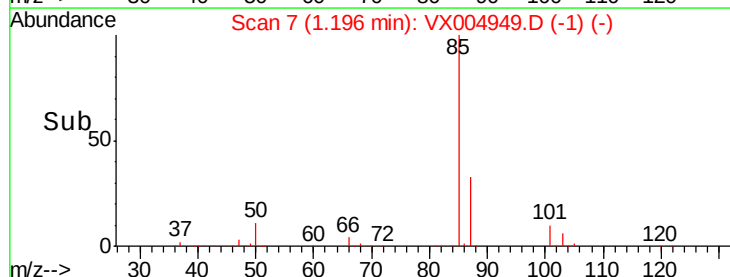
Time-->

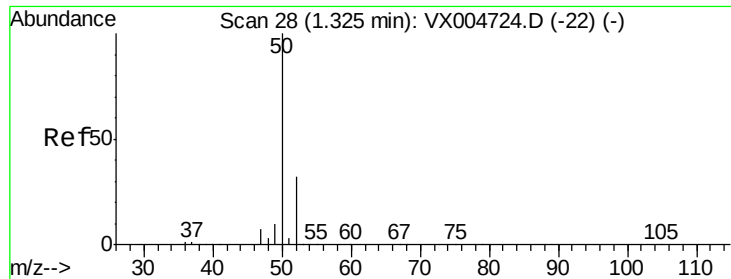
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 49.718 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 192343

Ion Ratio Lower Upper

50 100

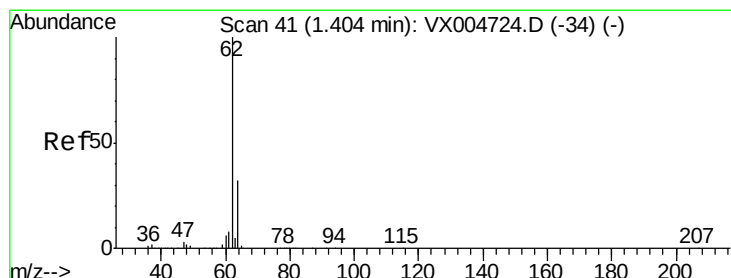
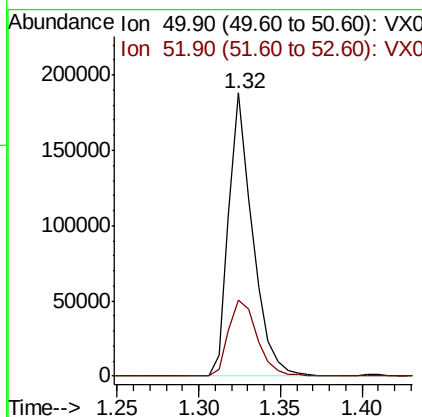
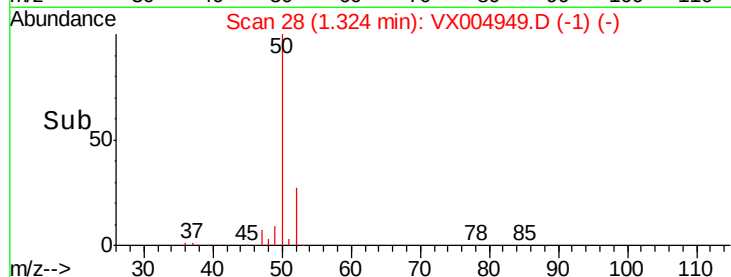
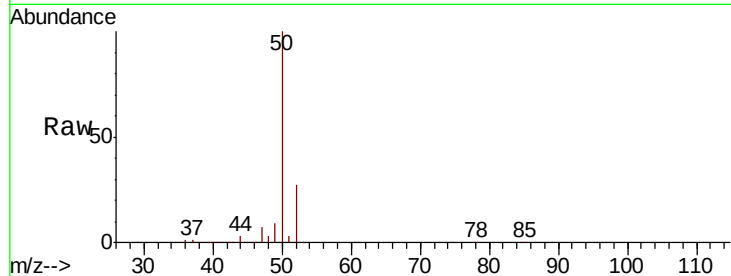
52 26.7 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.565 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004949.D

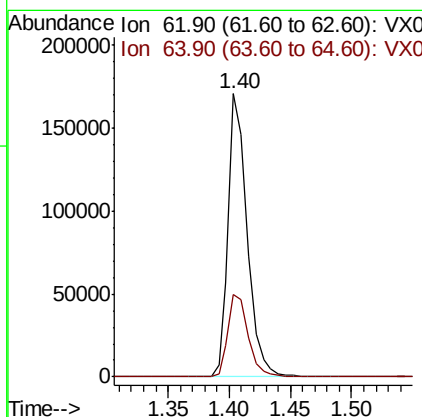
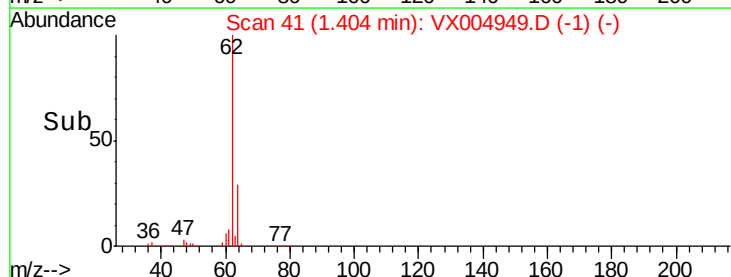
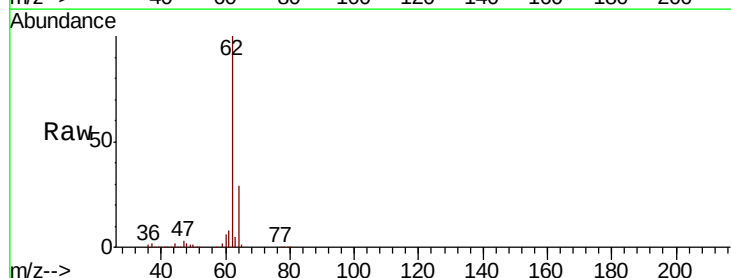
Acq: 03 Oct 2018 05:17

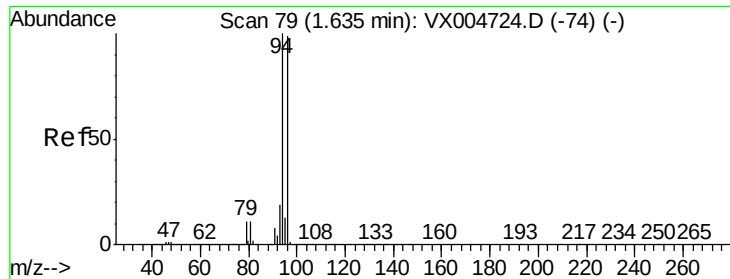
Tgt Ion: 62 Resp: 183474

Ion Ratio Lower Upper

62 100

64 29.1 25.5 38.3





#5

Bromomethane

Concen: 50.506 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 108672

Ion Ratio Lower Upper

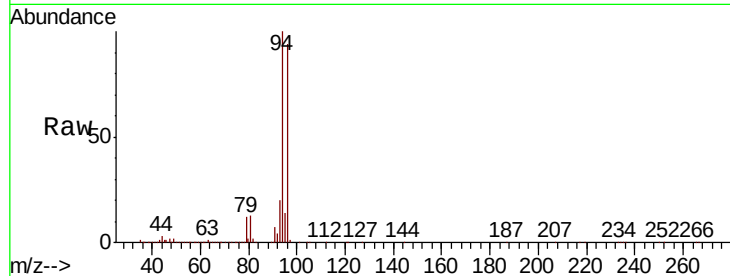
94 100

96 94.0 79.5 119.3

Manual Integrations
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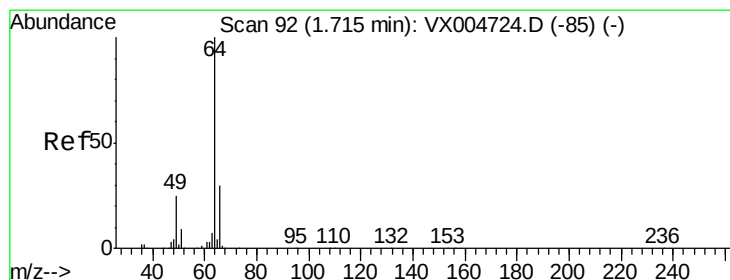
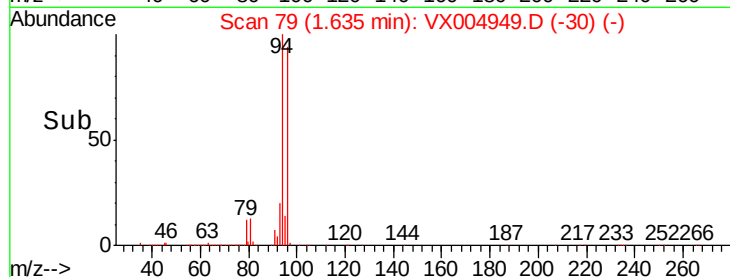
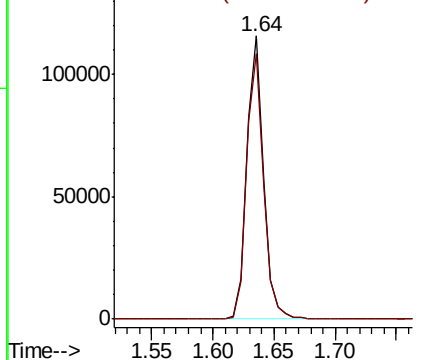
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.508 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004949.D

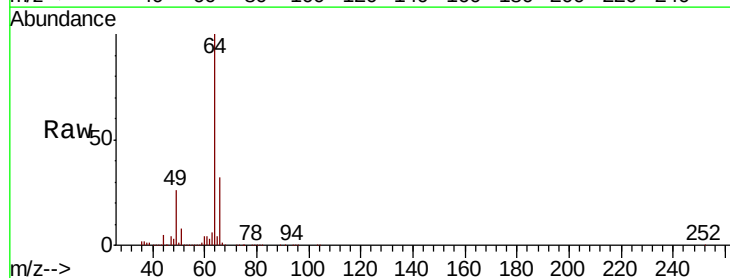
Acq: 03 Oct 2018 05:17

Tgt Ion: 64 Resp: 101714

Ion Ratio Lower Upper

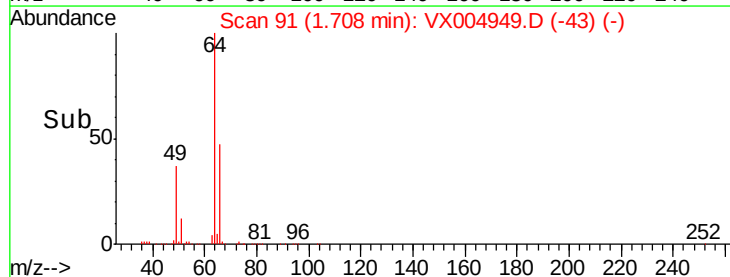
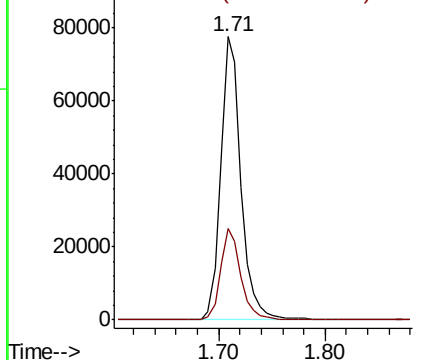
64 100

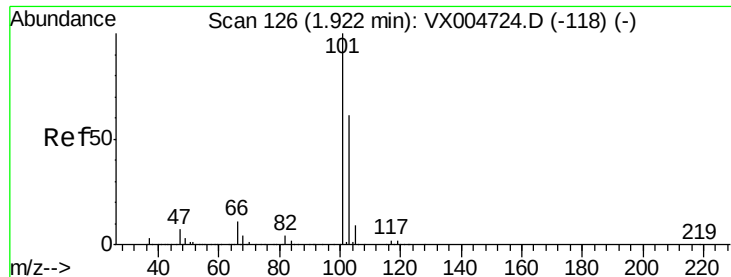
66 32.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

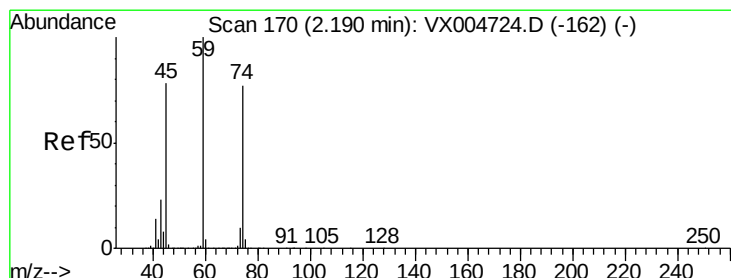
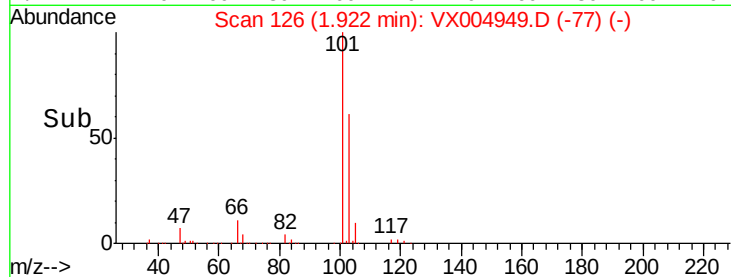
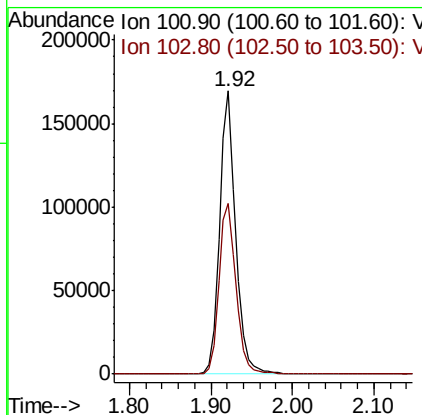
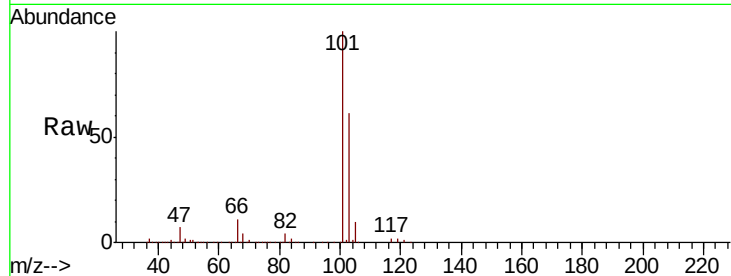
Trichlorofluoromethane
 Concen: 51.968 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.5	48.4	72.6

Manual Integrations
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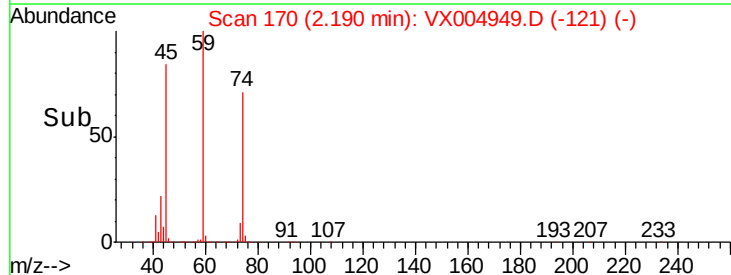
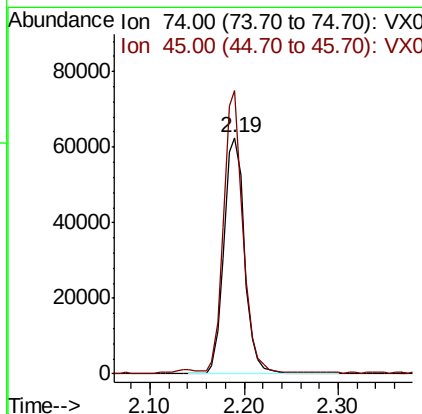
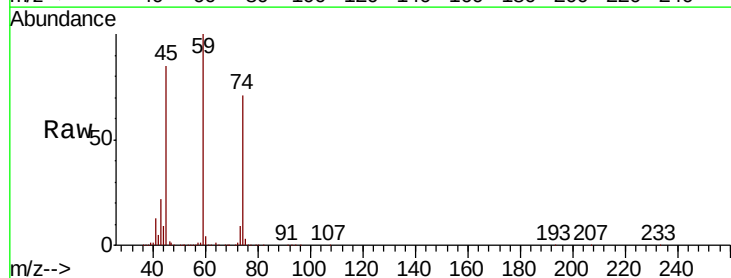
sam
 10/3/2018 5:56:46 PM

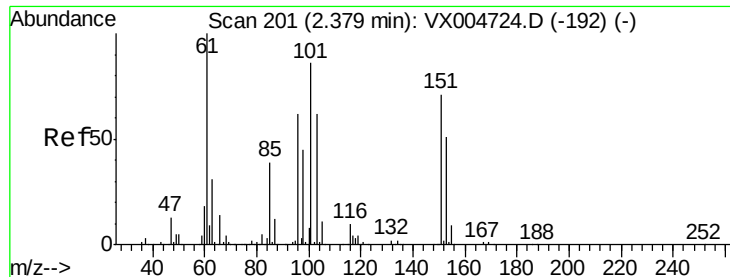


#8

Diethyl Ether
 Concen: 48.669 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.1	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.797 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

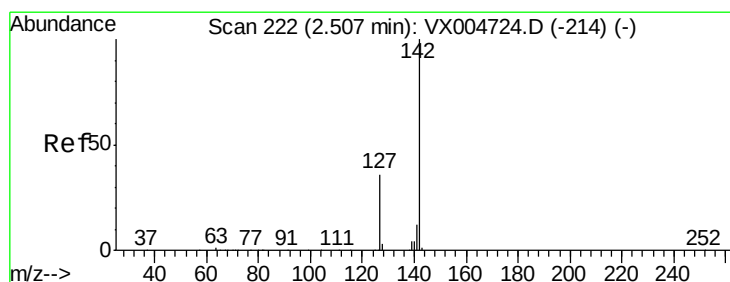
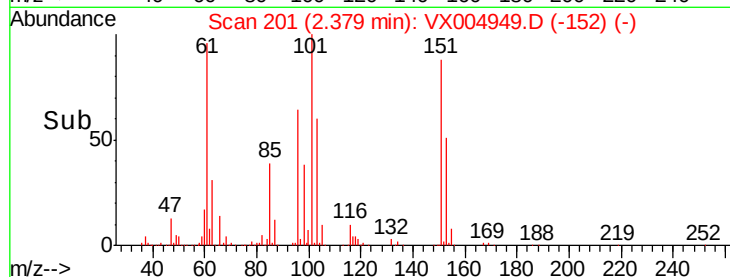
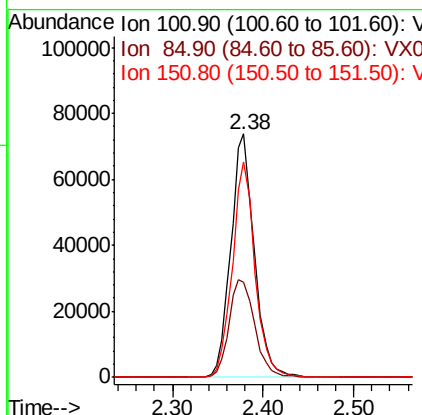
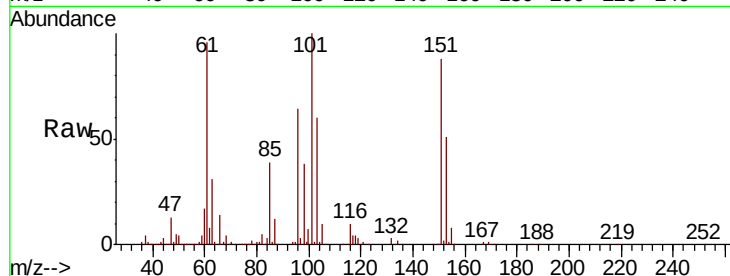
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	132538
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.9	53.9
151	85.5	66.6	100.0

Manual Integrations
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sam
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#10

Methyl Iodide

Concen: 37.573 ug/l

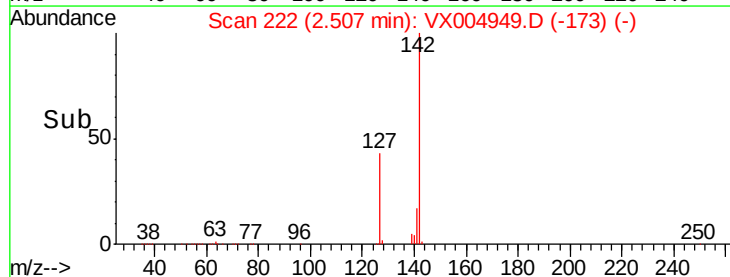
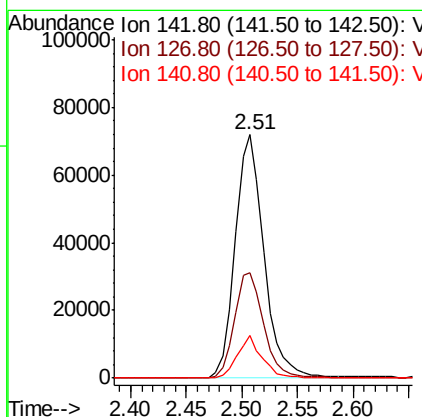
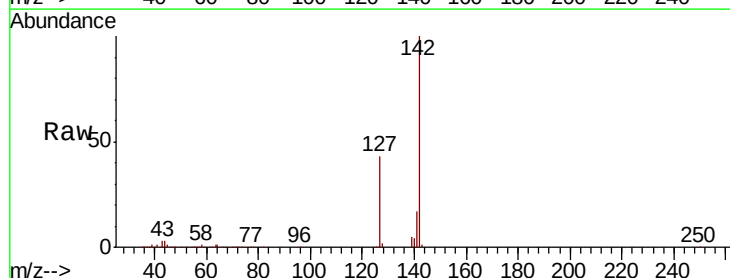
RT: 2.51 min Scan# 222

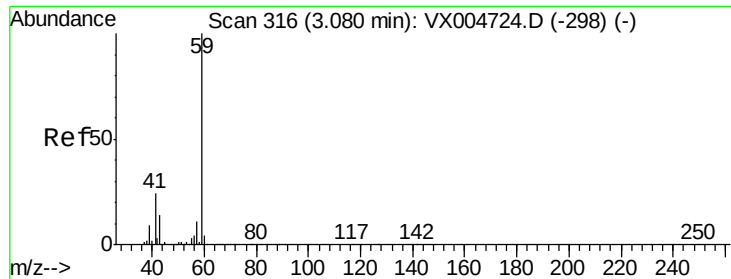
Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Tgt Ion:	142	Resp:	128650
Ion Ratio	Lower	Upper	
142	100		
127	44.0	30.1	45.1
141	15.3	10.1	15.1#





#11

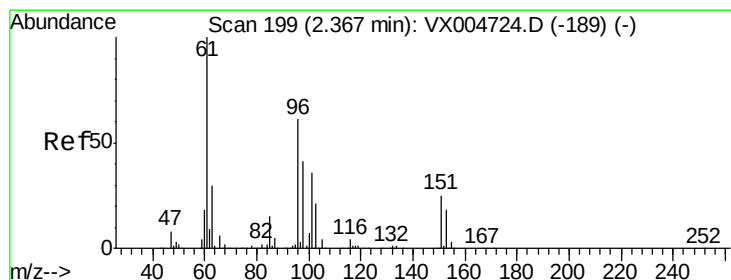
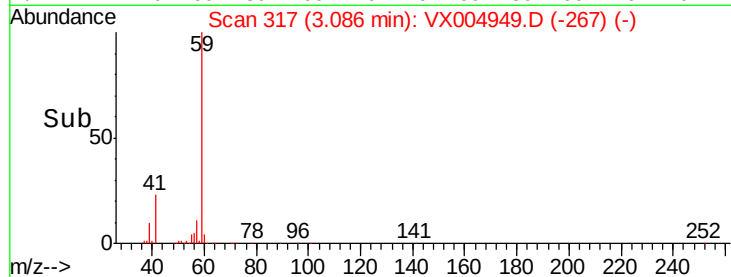
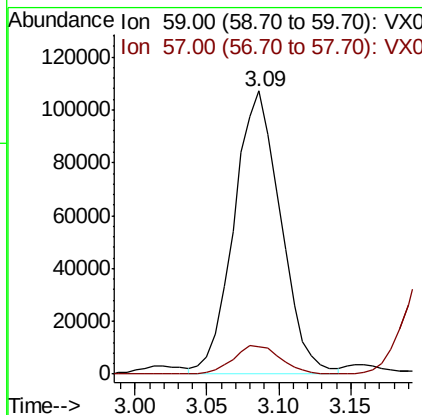
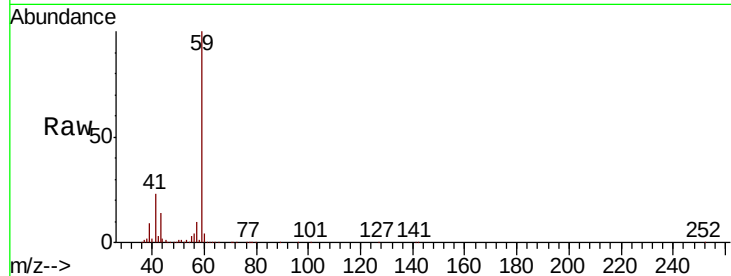
Tert butyl alcohol
Concen: 257.857 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.6	12.8

Manual Integrations
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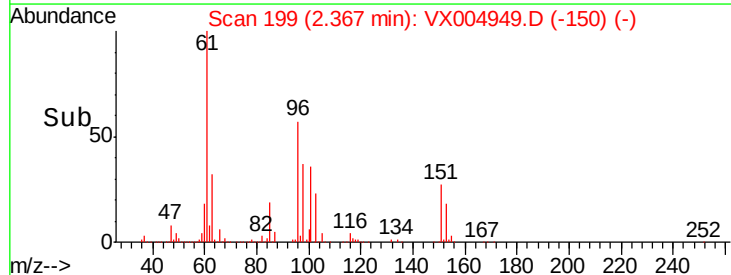
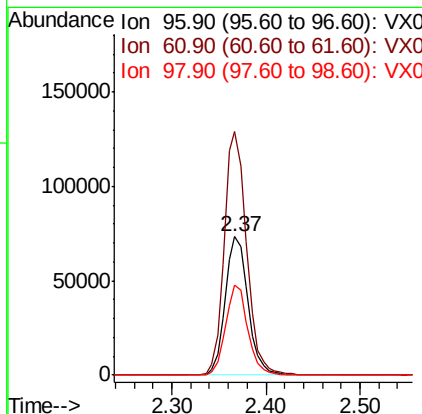
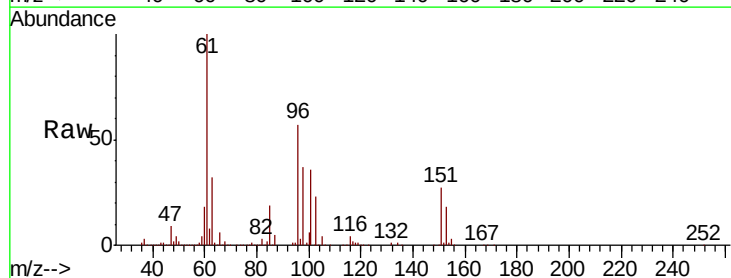
sam
10/3/2018 5:56:46 PM

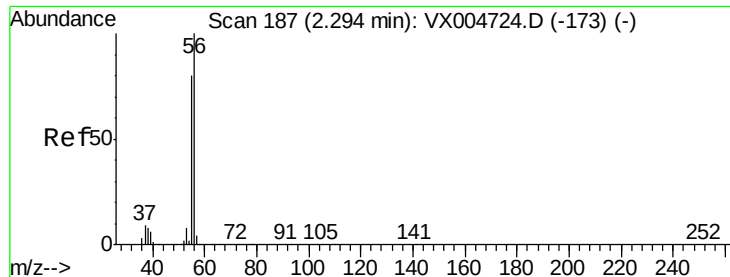


#12

1,1-Dichloroethene
Concen: 48.600 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.3	130.2	195.4
98	65.6	53.4	80.0





#13

Acrolein

Concen: 172.128 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 114401

Ion Ratio Lower Upper

56 100

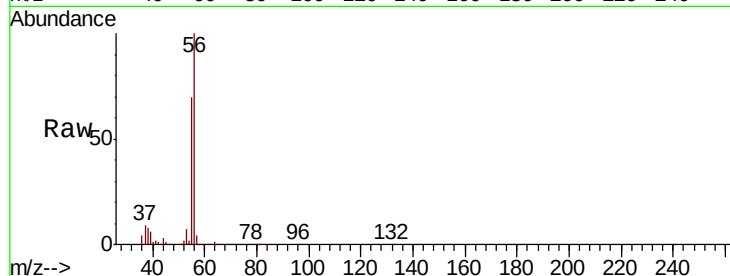
55 75.5 63.4 95.2

Manual Integrations

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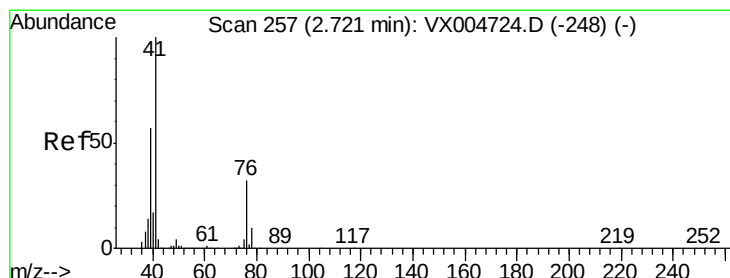
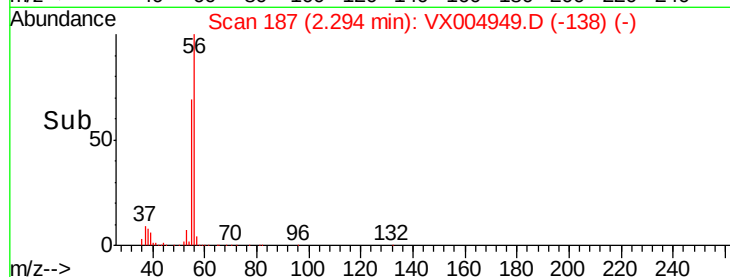
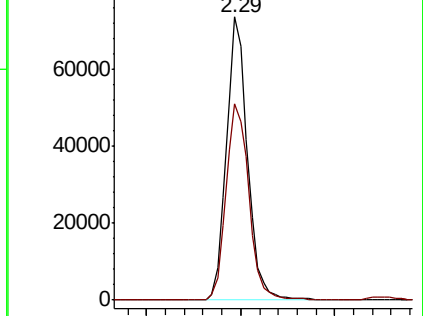
sam

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.530 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

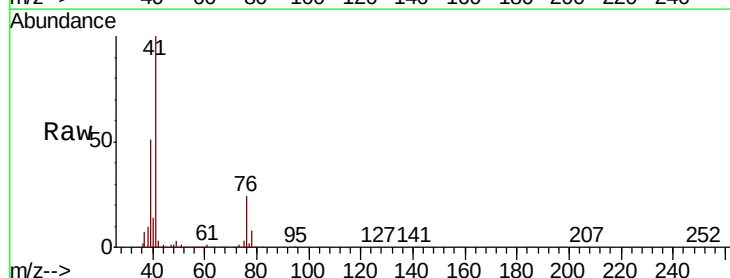
Tgt Ion: 41 Resp: 279384

Ion Ratio Lower Upper

41 100

39 55.4 44.1 66.1

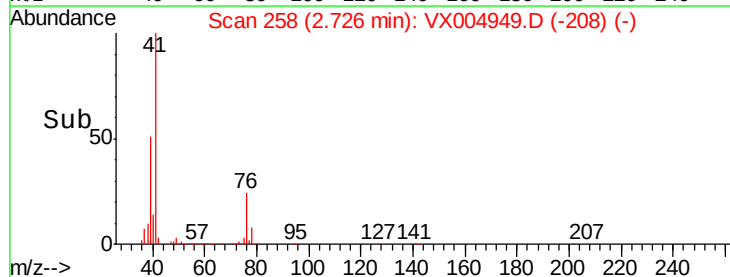
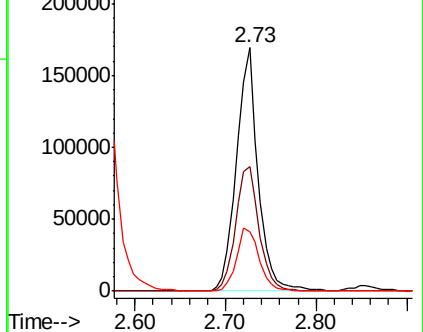
76 27.5 25.0 37.4

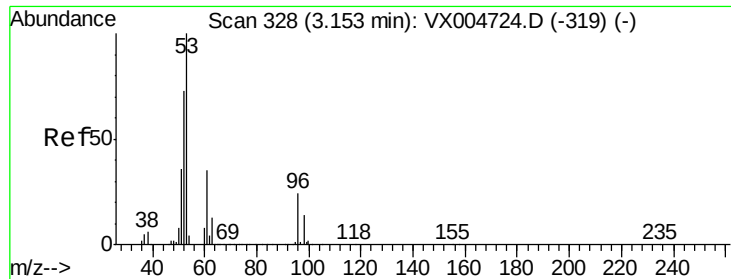


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 259.491 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

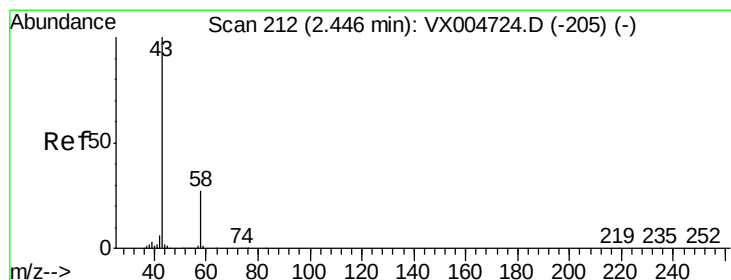
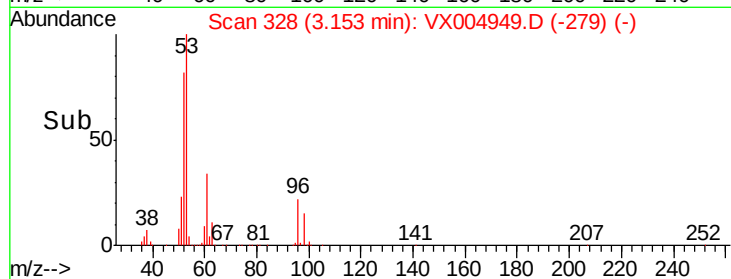
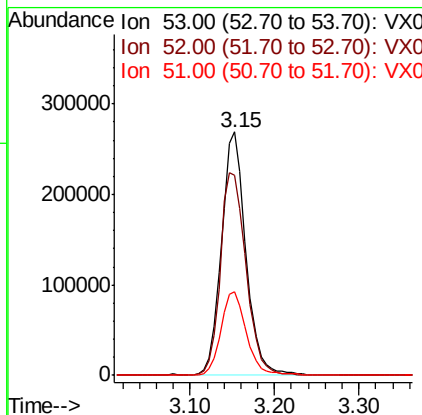
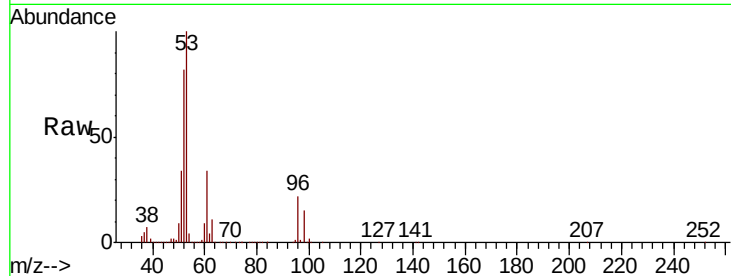
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	533609
Ion Ratio	Lower	Upper	
53	100		
52	87.7	63.0	94.4
51	35.8	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 247.300 ug/l

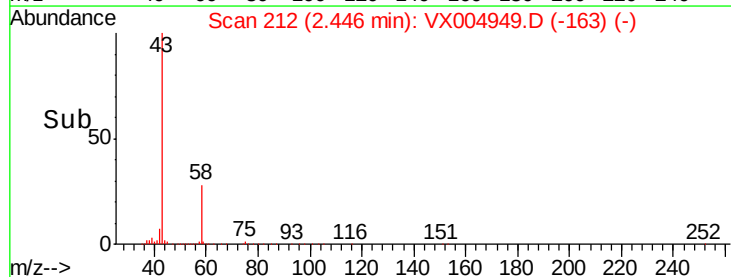
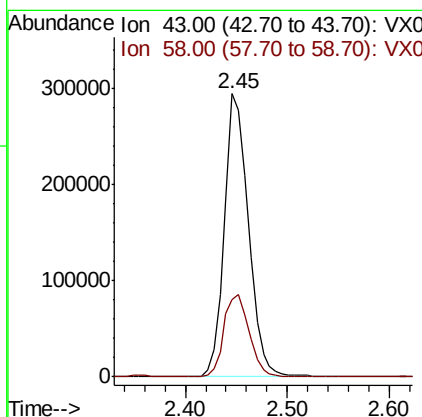
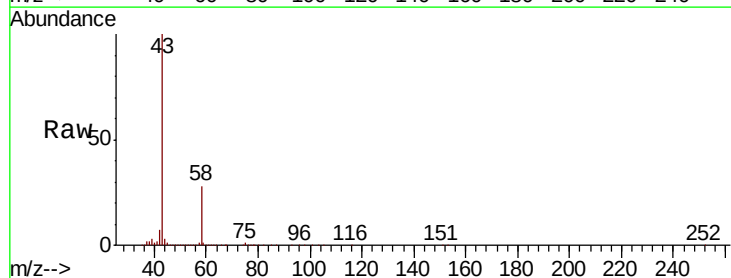
RT: 2.45 min Scan# 212

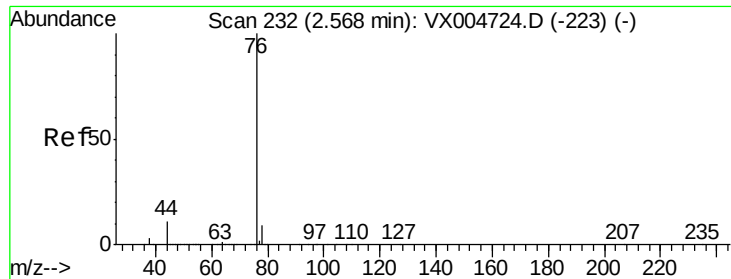
Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Tgt Ion:	43	Resp:	482343
Ion Ratio	Lower	Upper	
43	100		
58	27.5	21.8	32.6





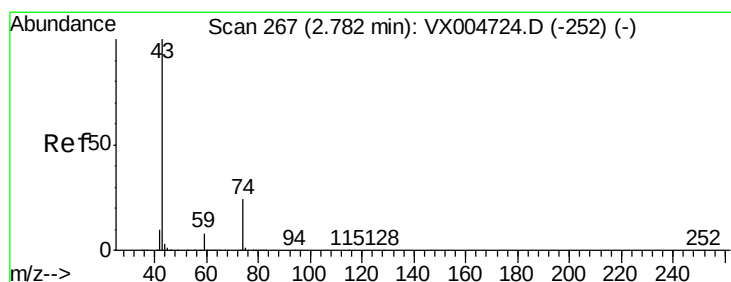
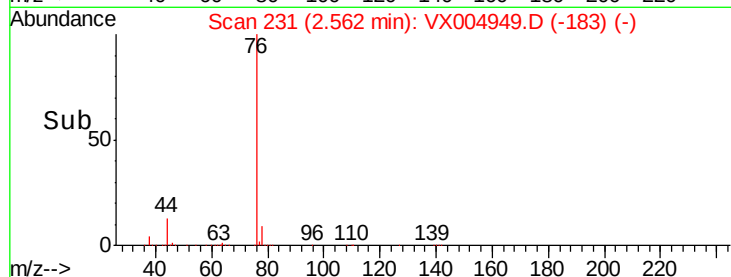
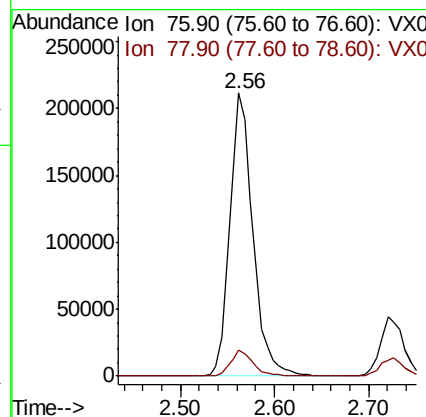
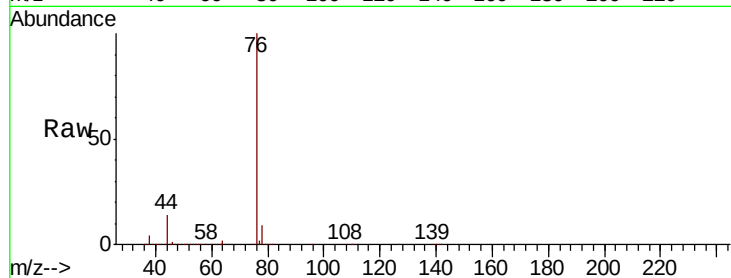
#17
Carbon Disulfide
Concen: 47.270 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

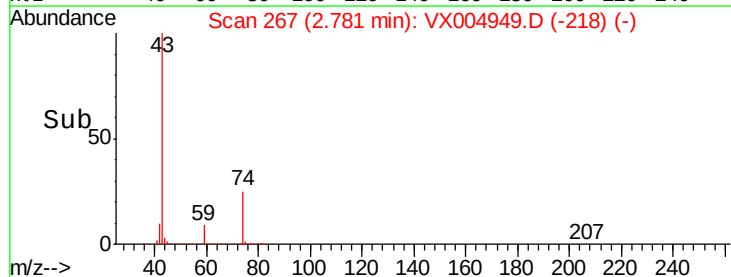
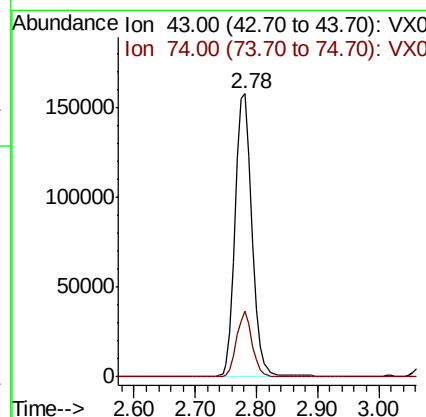
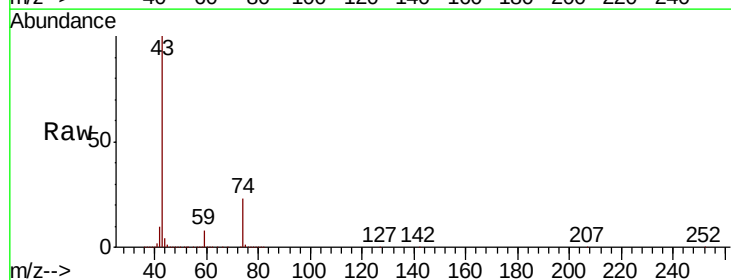
Manual Integrations
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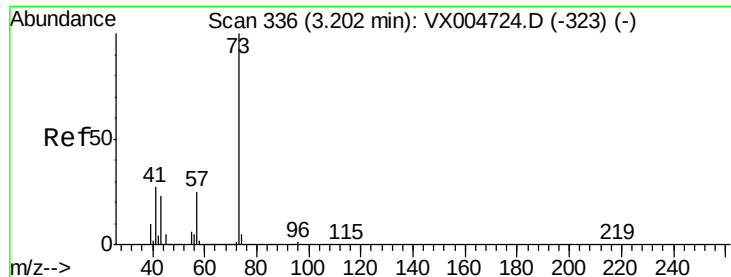
sam
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#18
Methyl Acetate
Concen: 59.770 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.8	26.8





#19

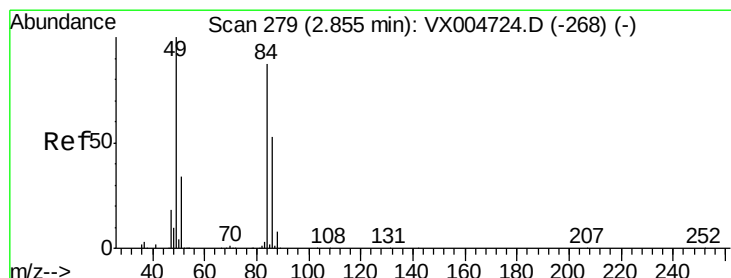
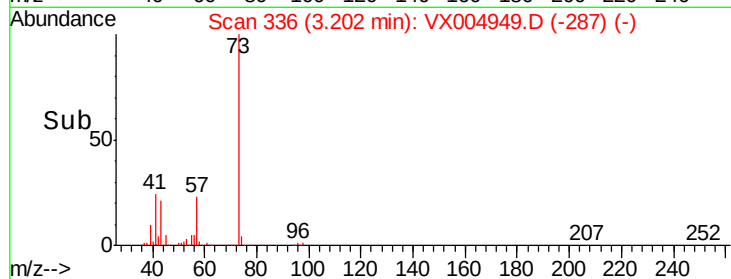
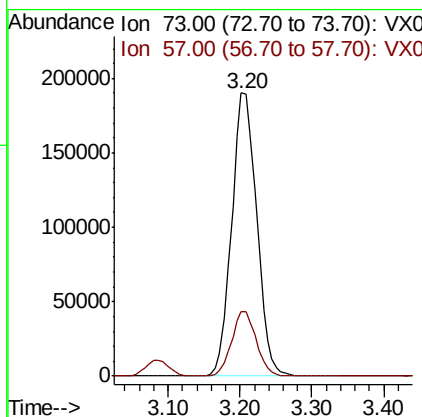
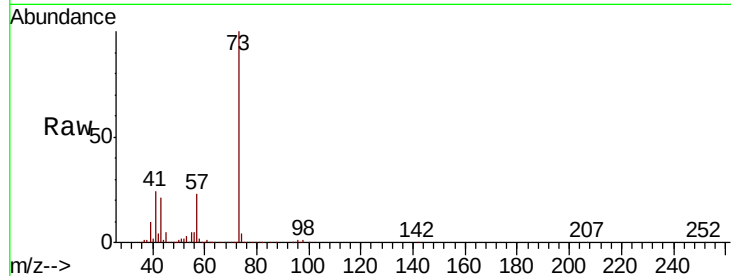
Methyl tert-butyl Ether
 Concen: 52.806 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	73	Resp	461566
Ion Ratio	100	Lower	Upper
73	100		
57	22.7	19.9	29.9

Manual Integrations
 APPROVED

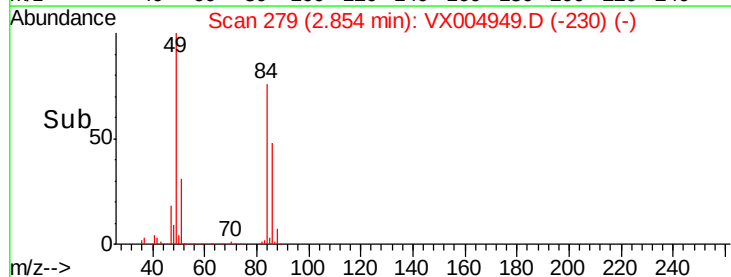
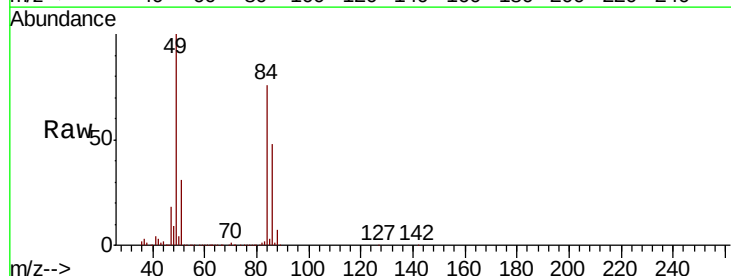
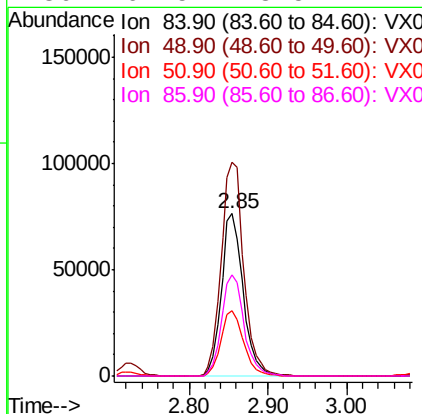
sam
 10/3/2018 5:56:46 PM

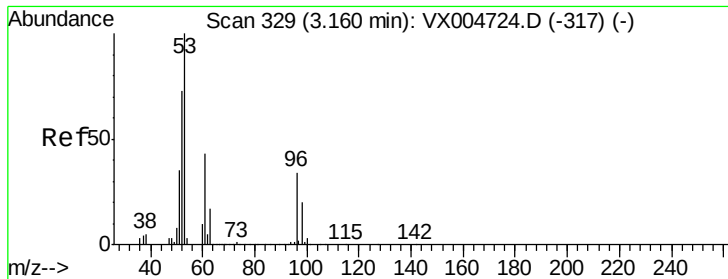


#20

Methylene Chloride
 Concen: 51.682 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion	84	Resp	146481
Ion Ratio	100	Lower	Upper
84	100		
49	131.6	92.3	138.5
51	40.5	31.8	47.6
86	62.5	48.5	72.7





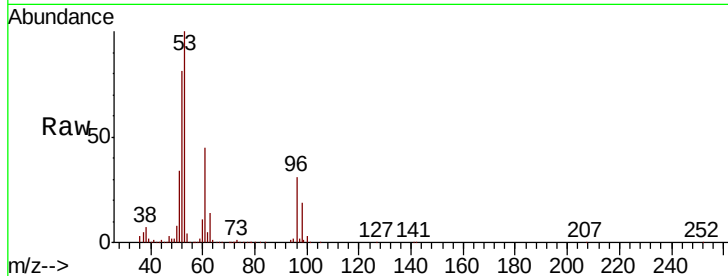
#21
trans-1,2-Dichloroethene
Concen: 47.739 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	101.0	151.6
98	63.2	47.2	70.8

Manual Integrations
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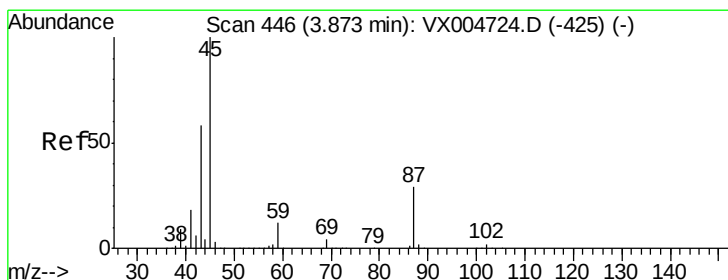
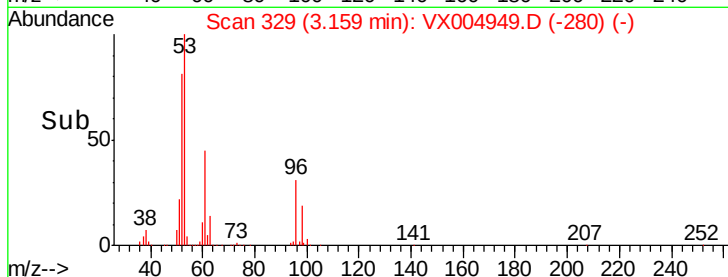
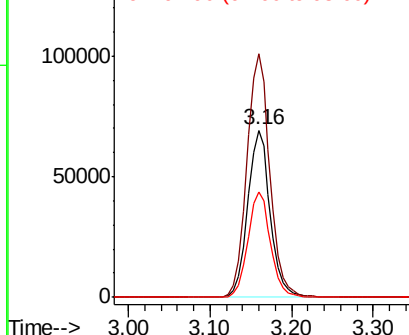


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22
Diisopropyl ether
Concen: 54.169 ug/l
RT: 3.87 min Scan# 446
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.8	46.7	70.1
87	28.4	22.9	34.3
59	10.2	9.3	13.9

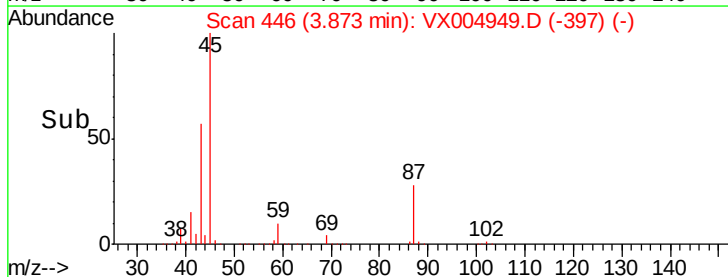
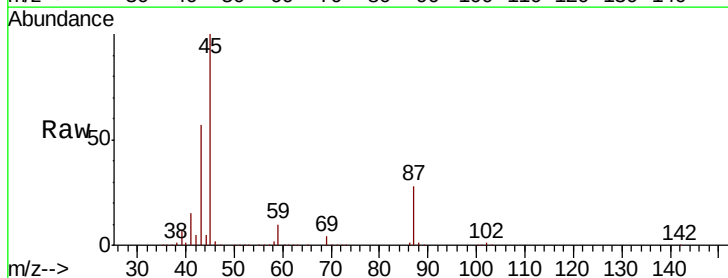
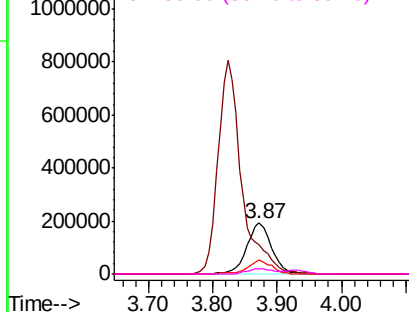
Abundance

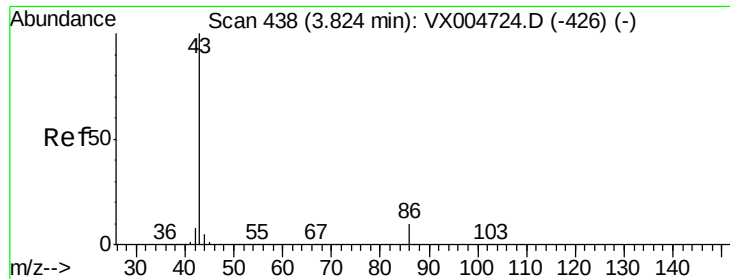
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 244.518 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2083892

Ion Ratio Lower Upper

43 100

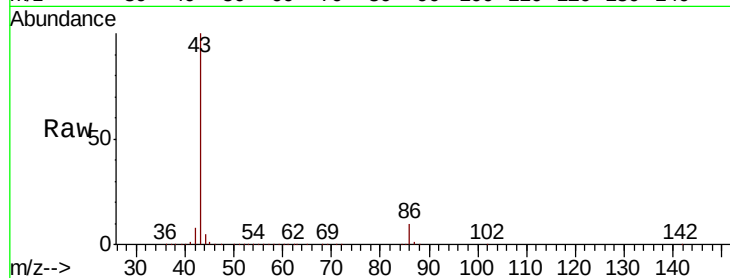
86 9.8 8.1 12.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

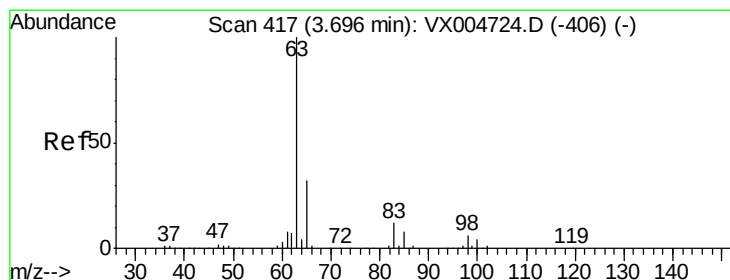
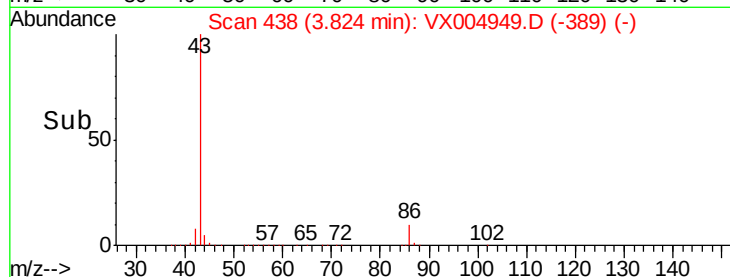
400000

200000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 47.494 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

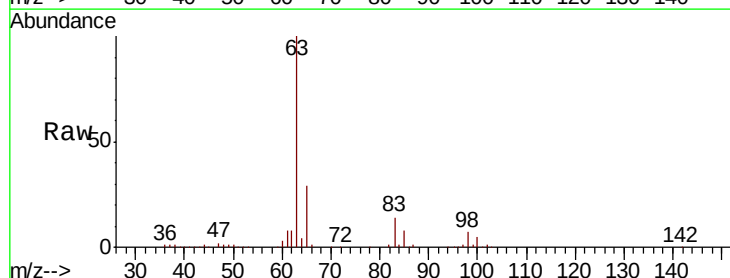
Tgt Ion: 63 Resp: 263775

Ion Ratio Lower Upper

63 100

98 7.2 3.0 9.2

100 4.5 2.0 5.8



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

150000

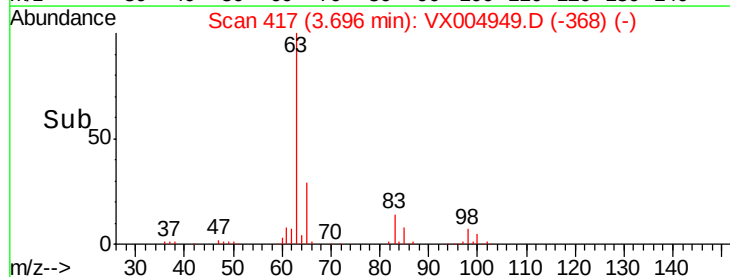
100000

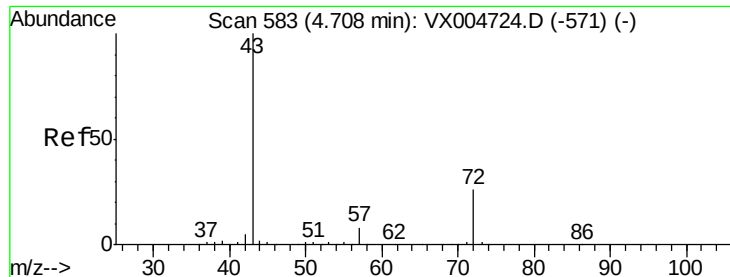
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 259.887 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 747175

Ion Ratio Lower Upper

43 100

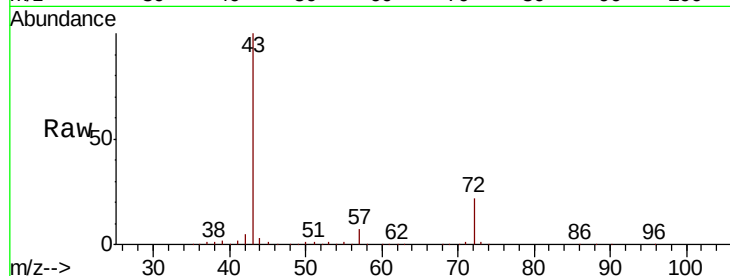
72 21.7 20.8 31.2

Manual Integrations

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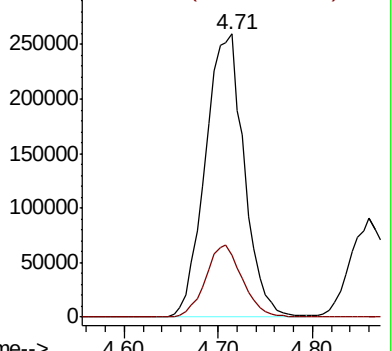
sam

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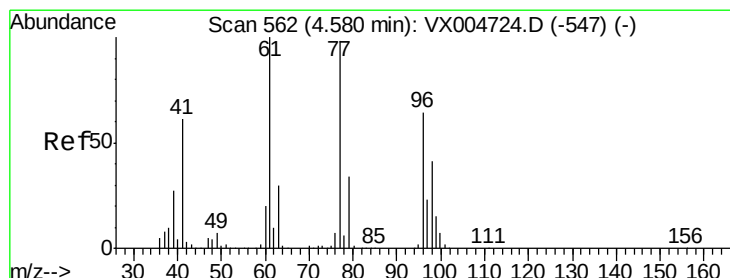
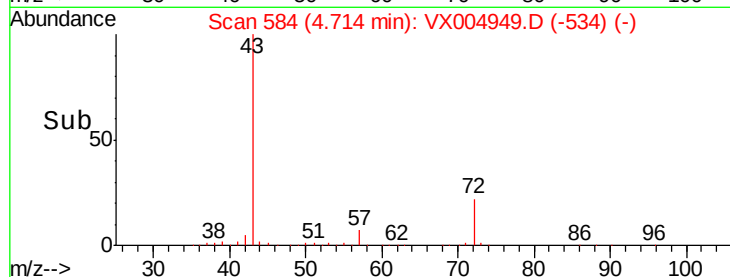


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 31.581 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004949.D

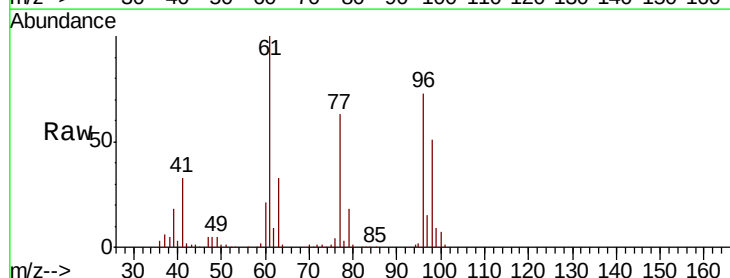
Acq: 03 Oct 2018 05:17

Tgt Ion: 77 Resp: 122136

Ion Ratio Lower Upper

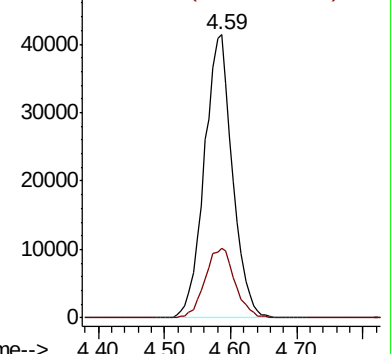
77 100

97 26.2 12.6 37.8

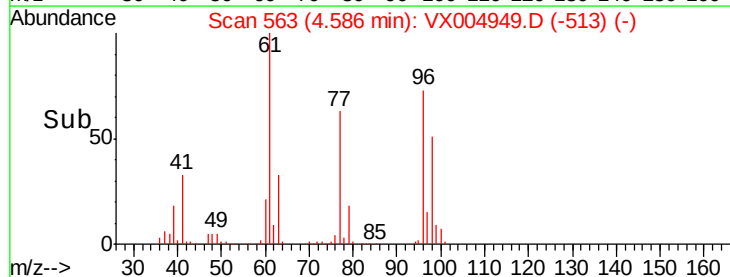


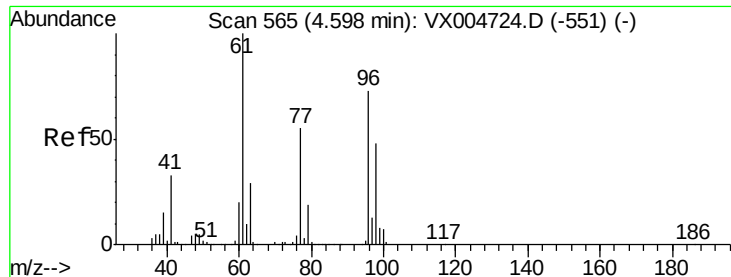
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->





#27

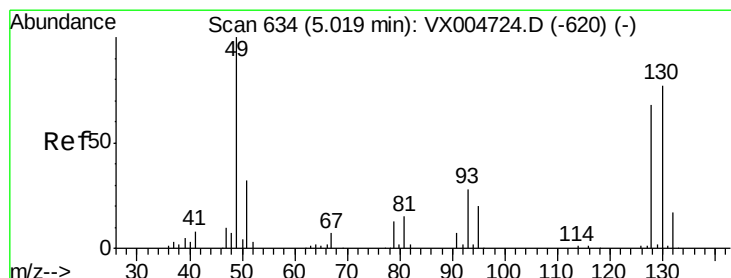
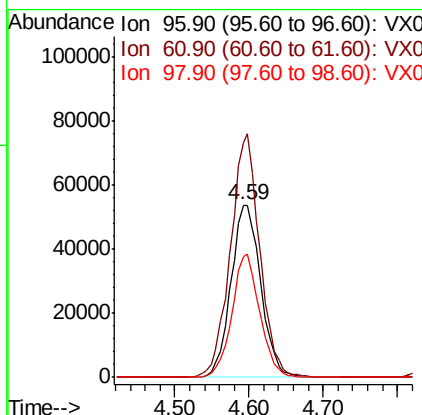
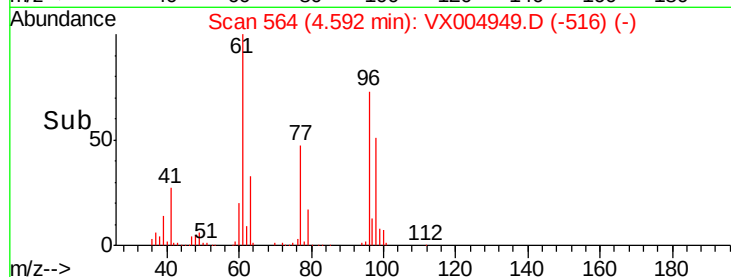
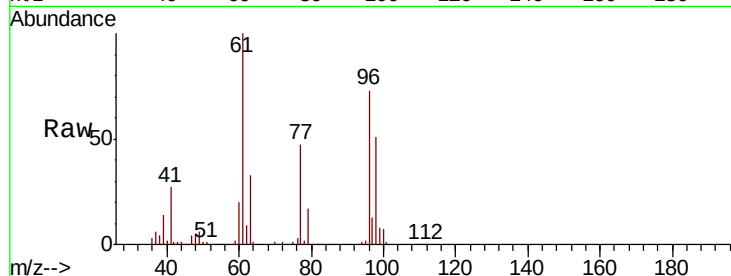
cis-1,2-Dichloroethene
Concen: 48.596 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.8	0.0	285.8	
98	67.1	0.0	136.2	

Manual Integrations
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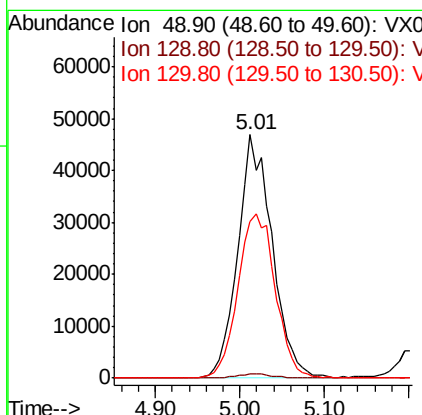
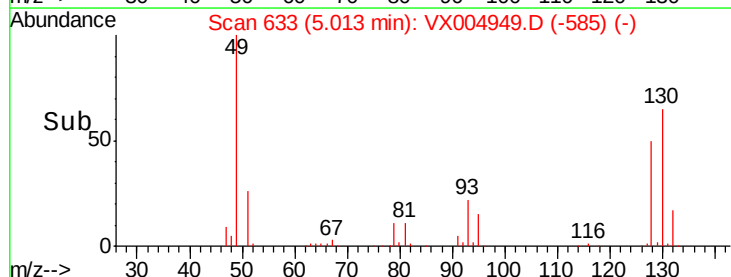
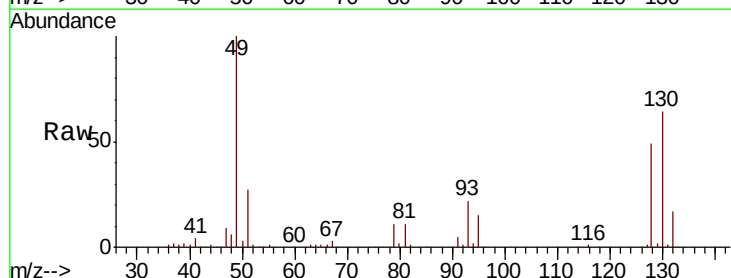
sam
10/3/2018 5:56:46 PM

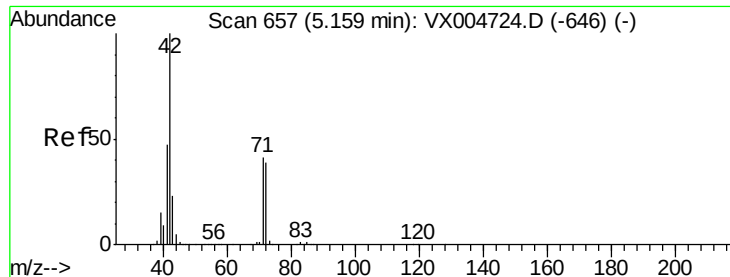


#28

Bromochloromethane
Concen: 49.485 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.2	
130	73.1	62.0	93.0	





#29

Tetrahydrofuran

Concen: 270.822 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

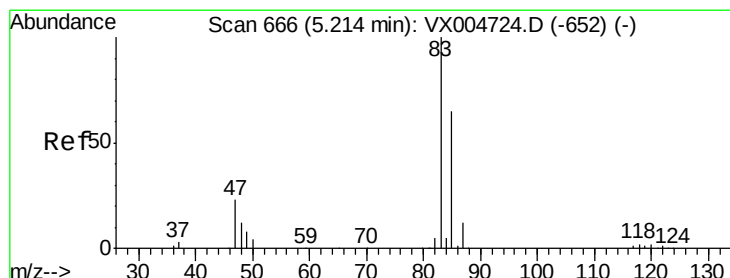
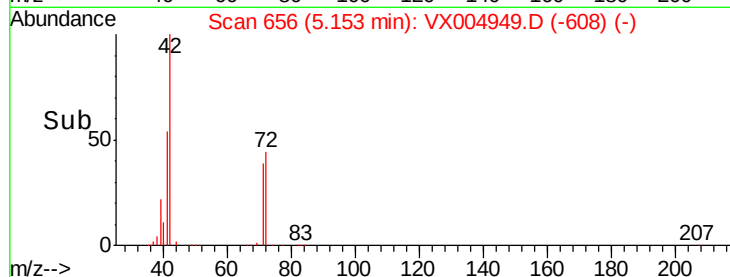
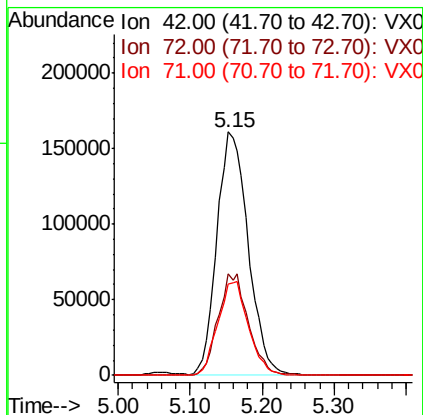
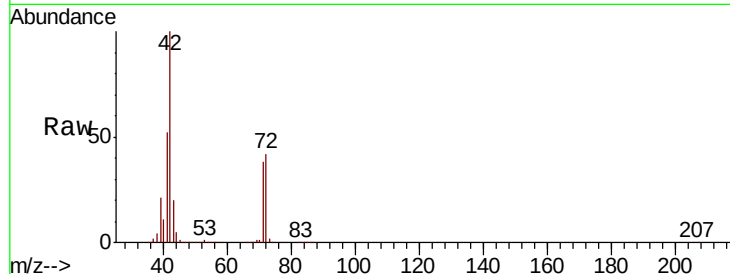
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	483937
Ion	Ratio	Lower	Upper
42	100		
72	40.6	33.7	50.5
71	37.9	32.2	48.4

Manual Integrations
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sam
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#30

Chloroform

Concen: 48.217 ug/l

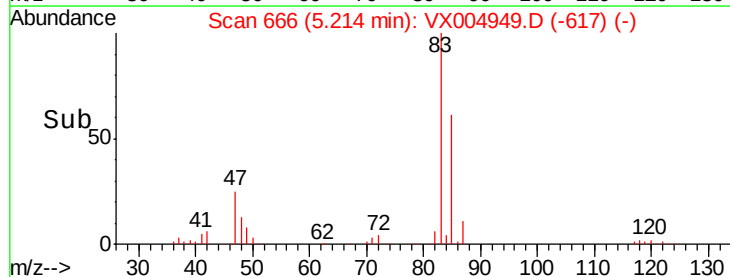
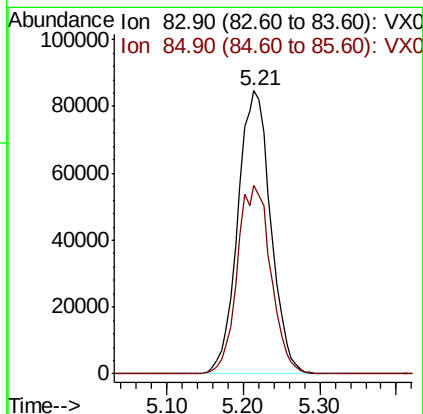
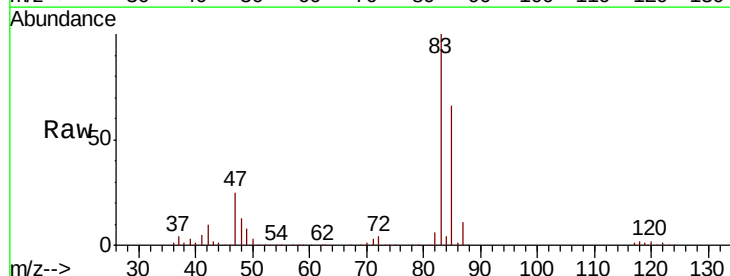
RT: 5.21 min Scan# 666

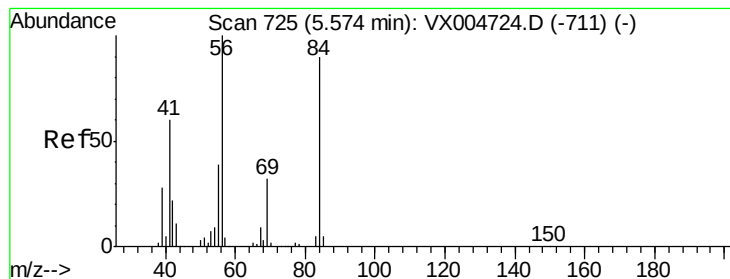
Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Tgt Ion:	83	Resp:	253085
Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.4	78.6





#31

Cyclohexane

Concen: 50.779 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

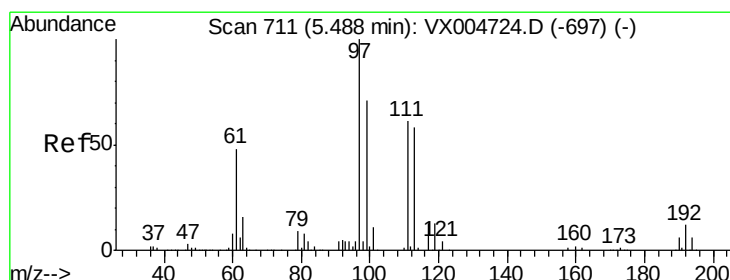
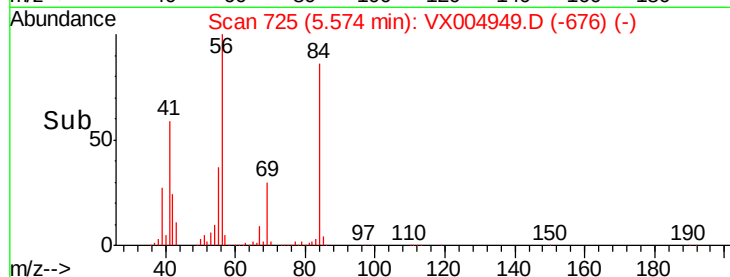
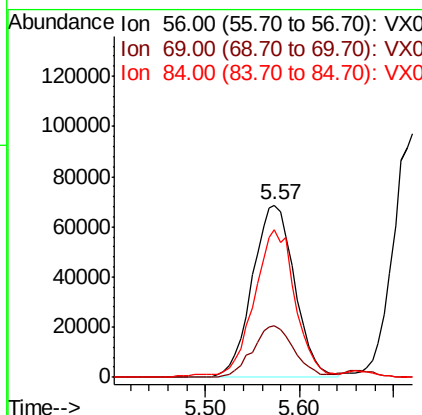
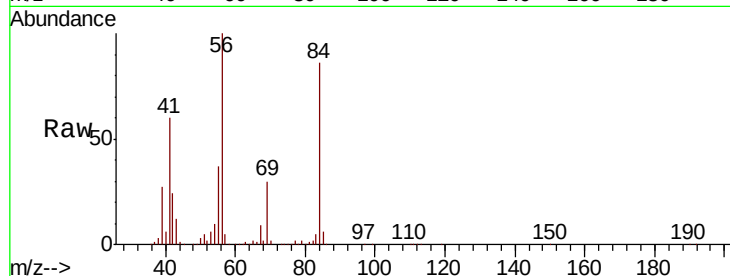
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	215847
Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.9	38.9
84	84.7	71.9	107.9

Manual Integrations
APPROVED

sam
10/3/2018 5:56:46 PM



#32

1,1,1-Trichloroethane

Concen: 49.081 ug/l

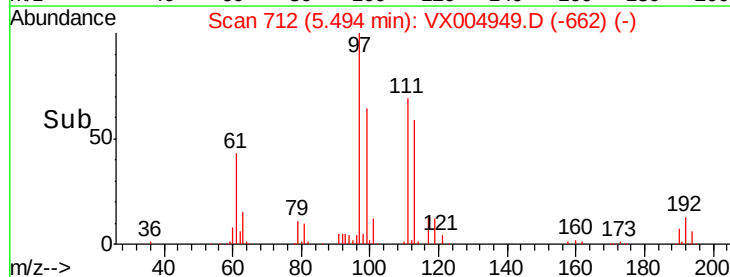
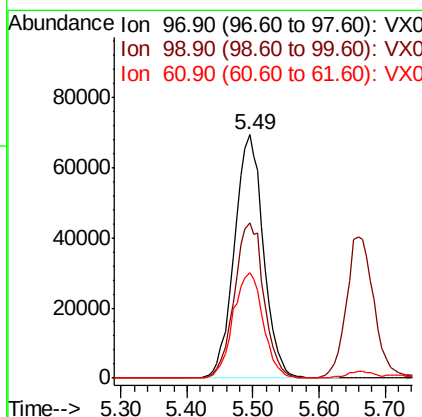
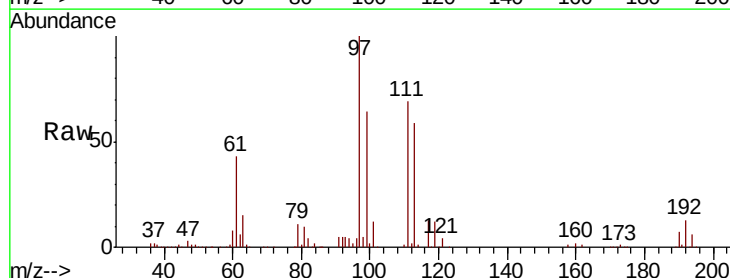
RT: 5.49 min Scan# 712

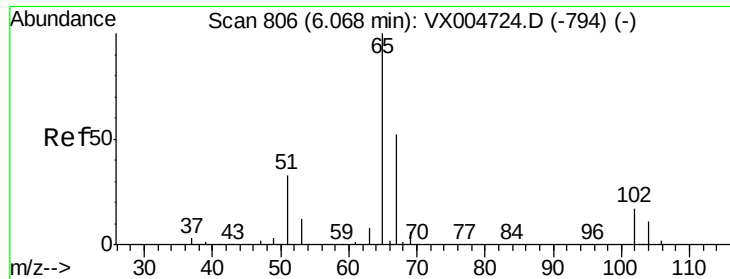
Delta R.T. 0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Tgt Ion:	97	Resp:	210395
Ion	Ratio	Lower	Upper
97	100		
99	64.9	54.6	82.0
61	45.2	37.5	56.3





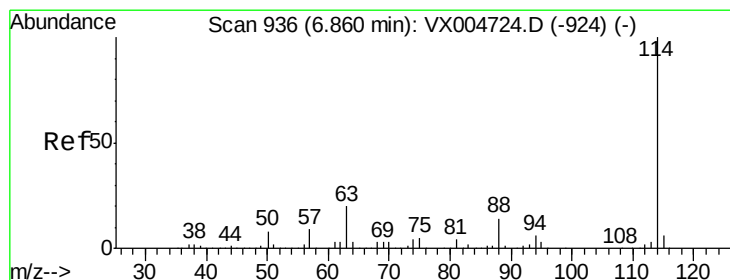
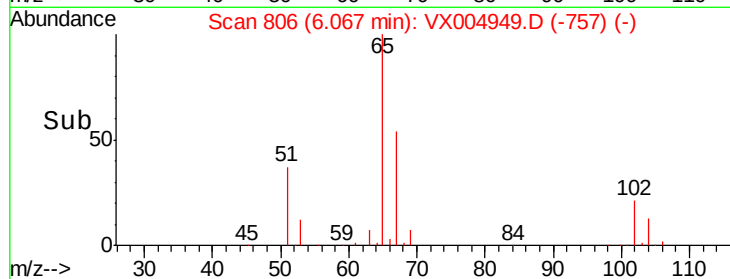
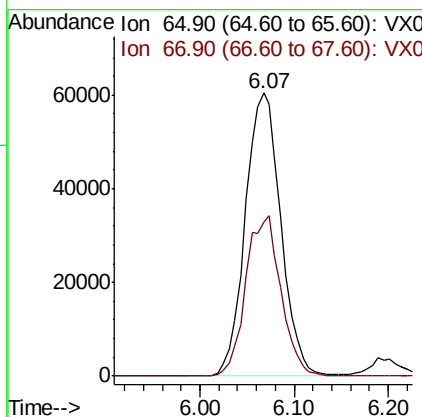
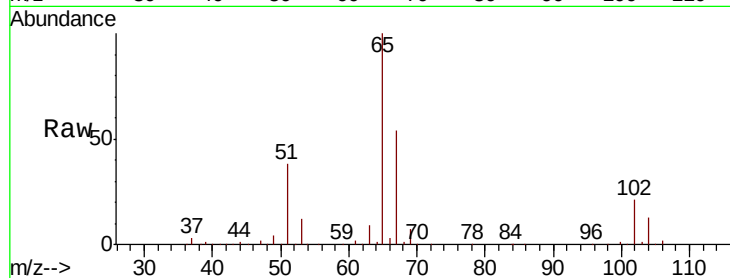
#33
 1,2-Dichloroethane-d4
 Concen: 47.916 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	107.4

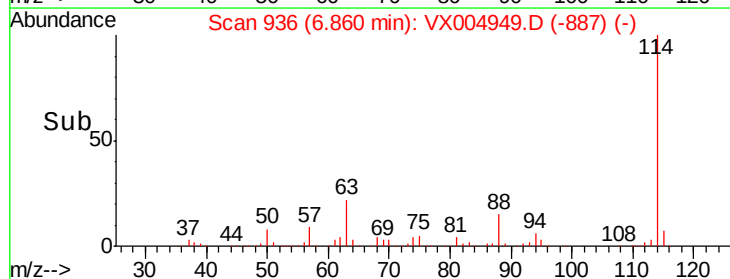
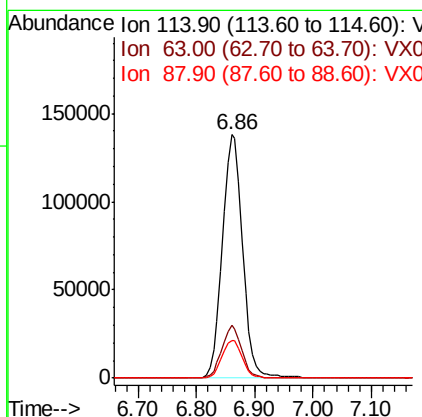
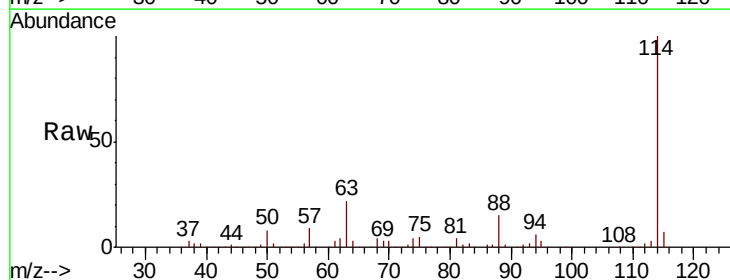
Manual Integrations
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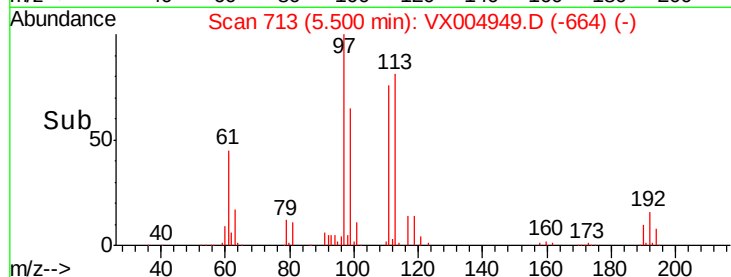
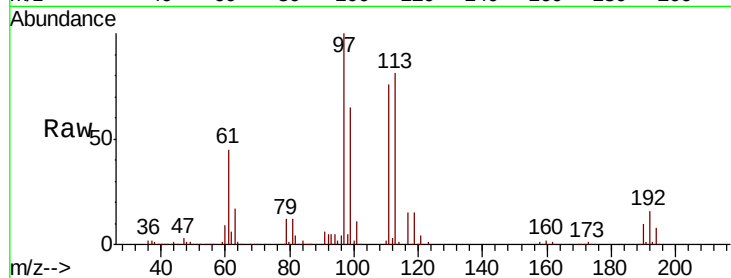
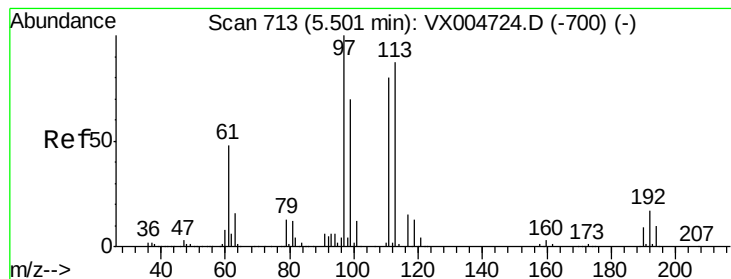
sam
 10/3/2018 5:56:46 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	39.8
88	15.2	0.0	27.0





#35

Dibromofluoromethane

Concen: 46.034 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004949.D

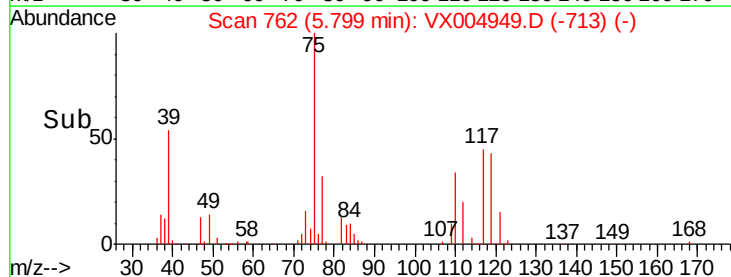
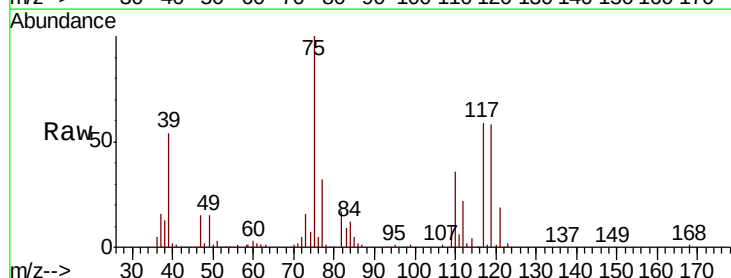
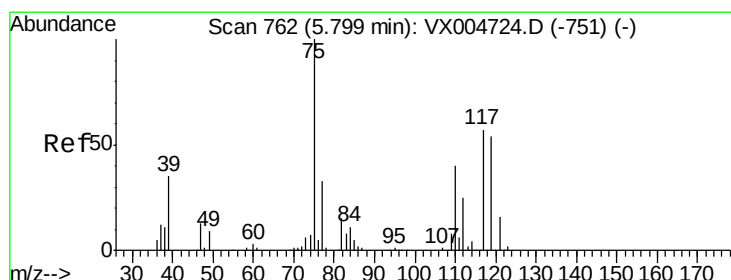
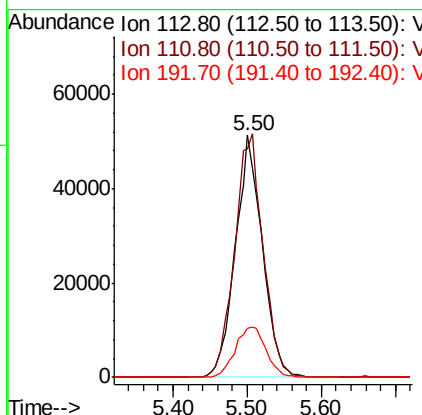
Acq: 03 Oct 2018 05:17

Tot Ion:	113	Resp:	130837
Ion Ratio	Lower	Upper	
113	100		
111	105.3	77.0	115.4
192	23.7	17.0	25.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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sam
10/3/2018 5:56:46 PM



#36

1,1-Dichloropropene

Concen: 46.177 ug/l

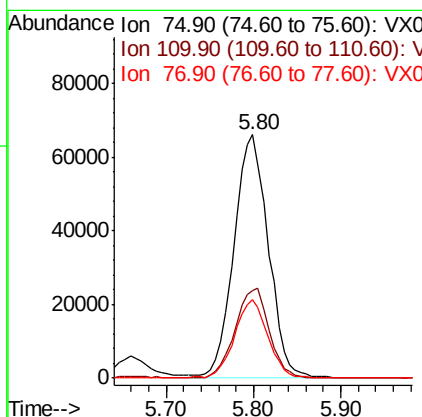
RT: 5.80 min Scan# 762

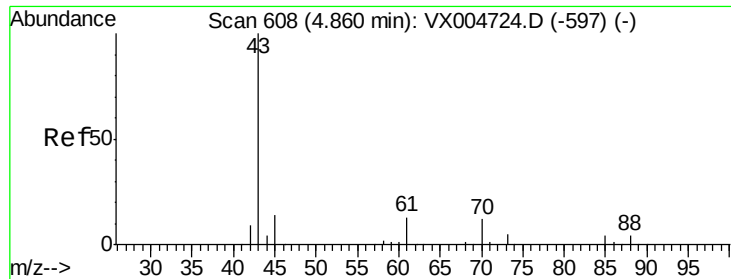
Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Tgt Ion:	75	Resp:	179066
Ion Ratio	Lower	Upper	
75	100		
110	36.9	20.0	59.9
77	31.6	27.1	40.7





#37

Ethyl Acetate

Concen: 50.282 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

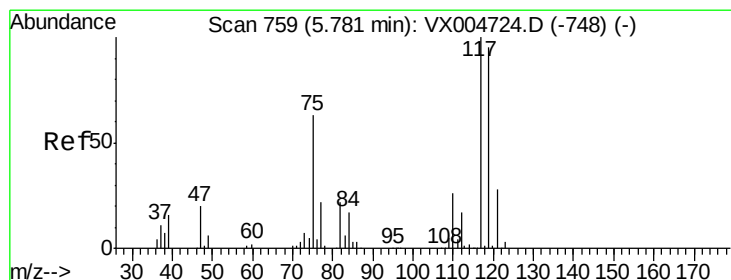
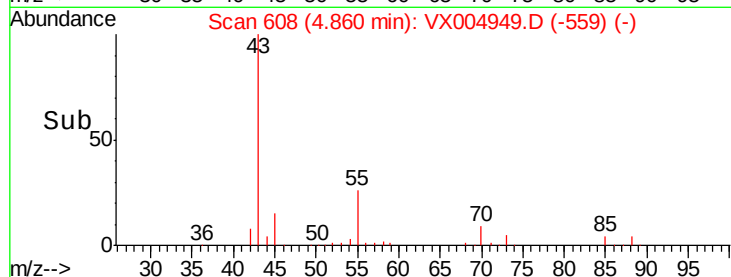
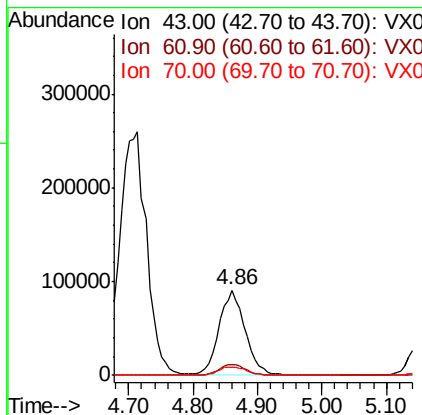
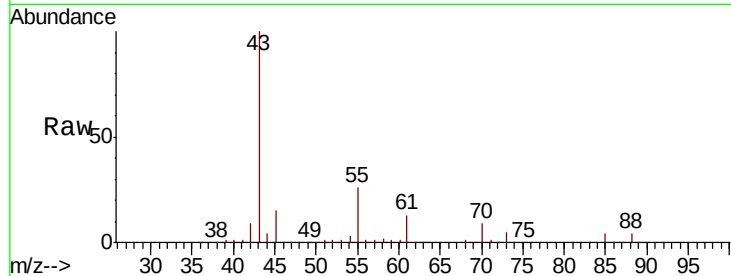
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	258824
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.4	15.6
70	10.6	8.7	13.1

Manual Integrations
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sam
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#38

Carbon Tetrachloride

Concen: 45.538 ug/l

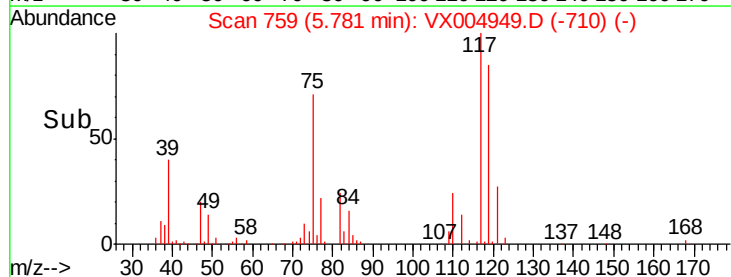
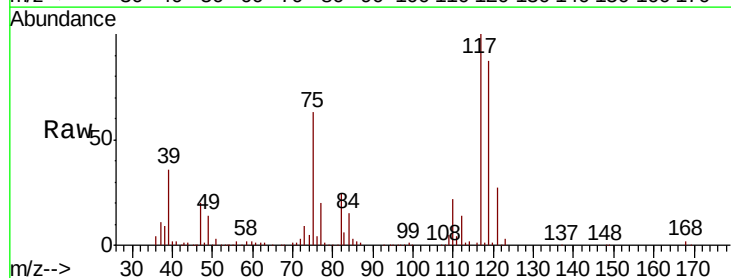
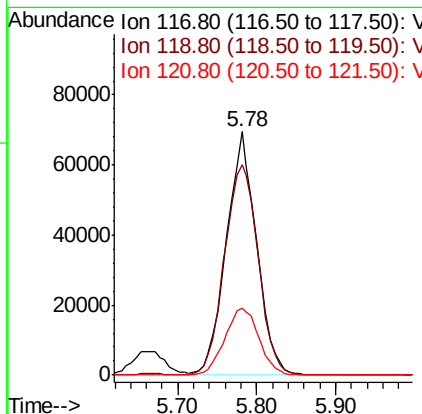
RT: 5.78 min Scan# 759

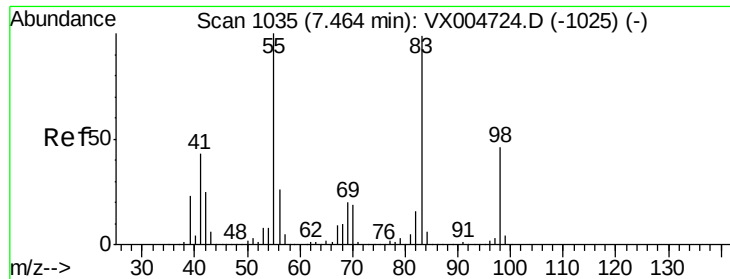
Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Tgt Ion:	117	Resp:	185626
Ion	Ratio	Lower	Upper
117	100		
119	86.5	75.2	112.8
121	27.5	22.5	33.7





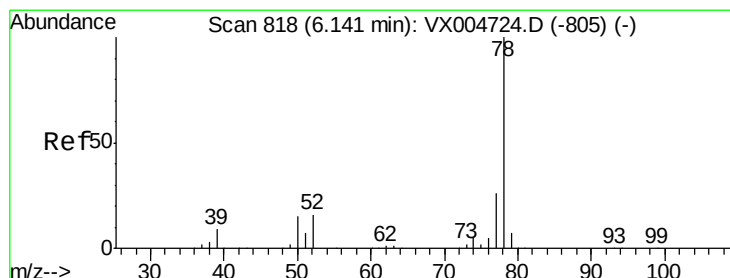
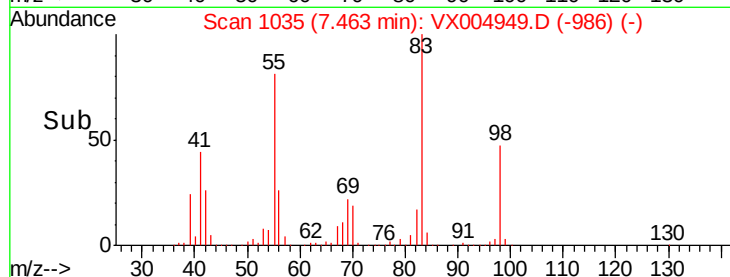
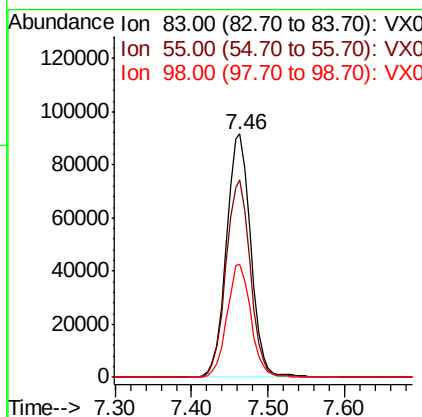
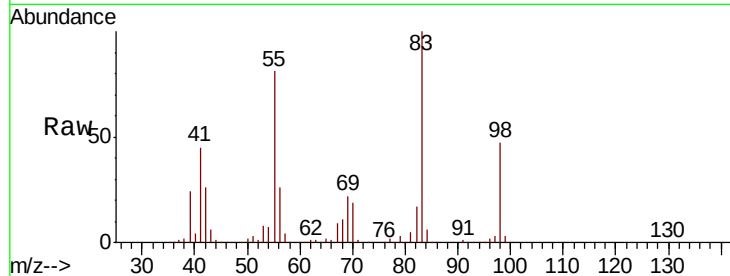
#39
Methylvlcyclohexane
Concen: 50.968 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.0	81.1	121.7#
98	46.7	37.3	55.9

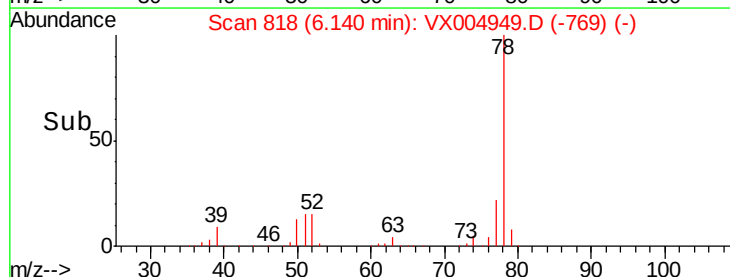
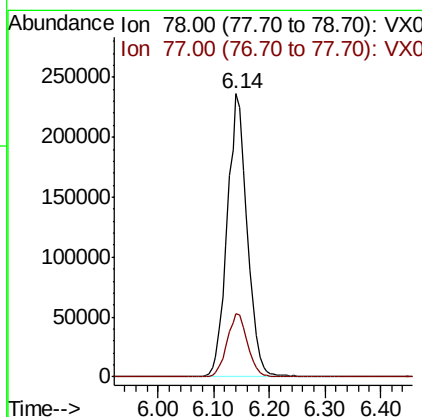
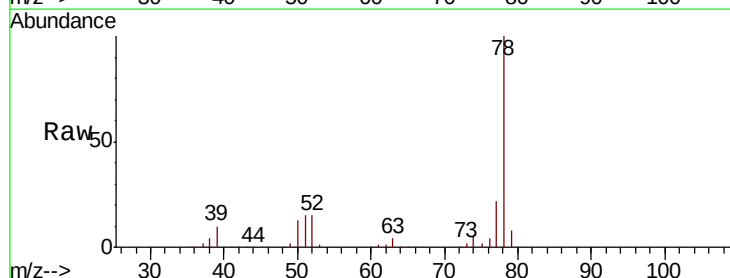
Manual Integrations
APPROVED

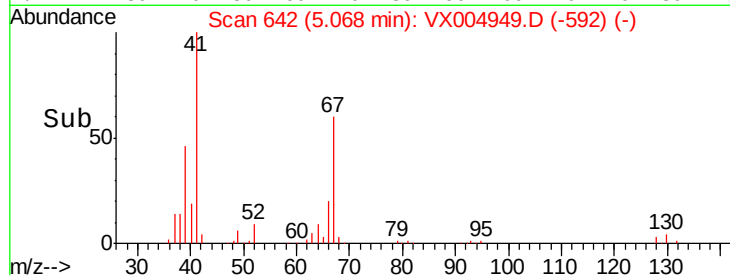
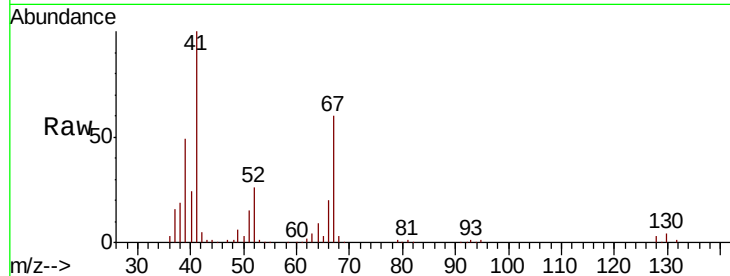
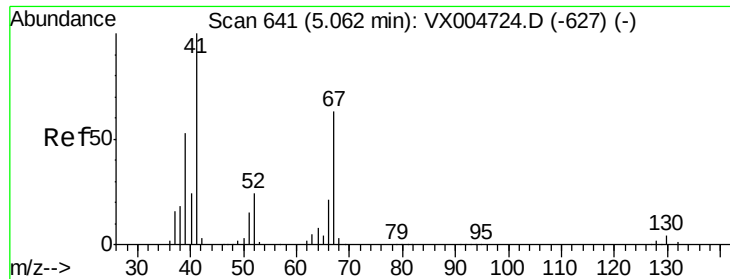
sam
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#40
Benzene
Concen: 48.197 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	21.0	31.4





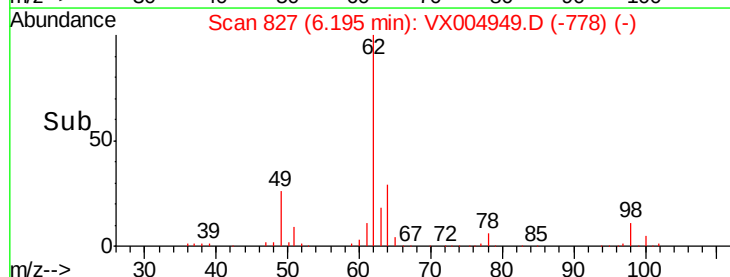
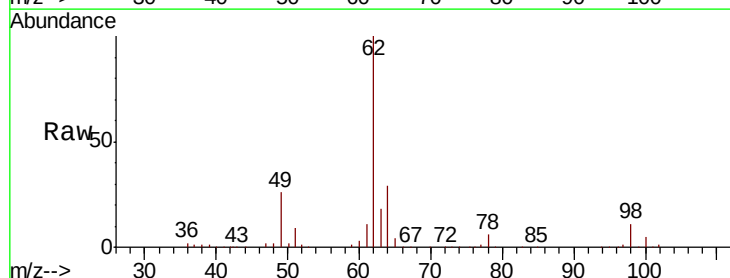
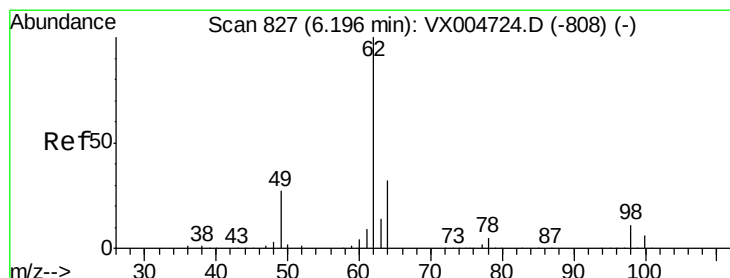
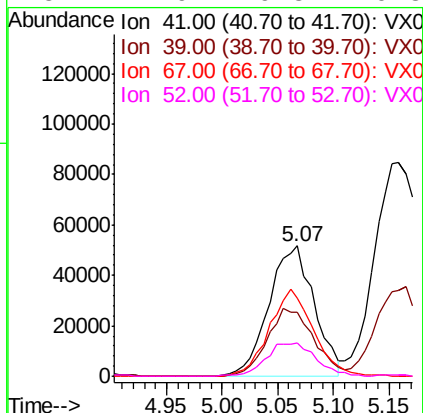
#41
Methacrylonitrile
Concen: 51.004 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.5	63.7
67	65.8	53.0	79.6
52	27.9	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

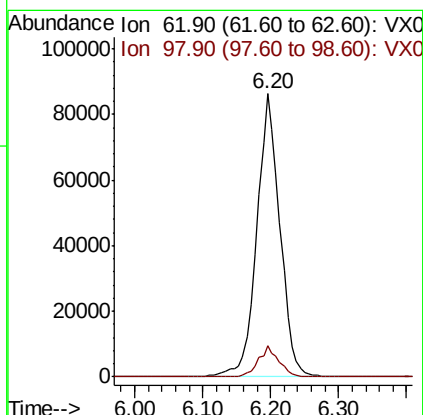
Manual Integrations
APPROVED

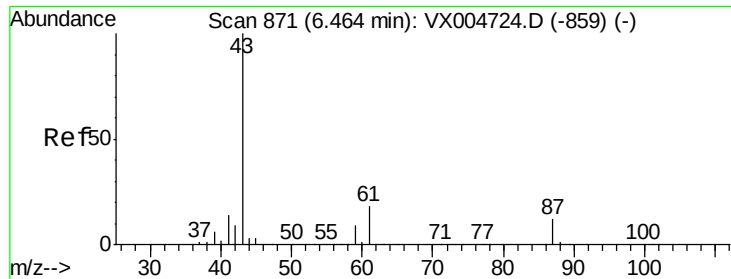
sam
10/3/2018 5:56:46 PM



#42
1,2-Dichloroethane
Concen: 47.671 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2





#43

Isopropyl Acetate

Concen: 50.573 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

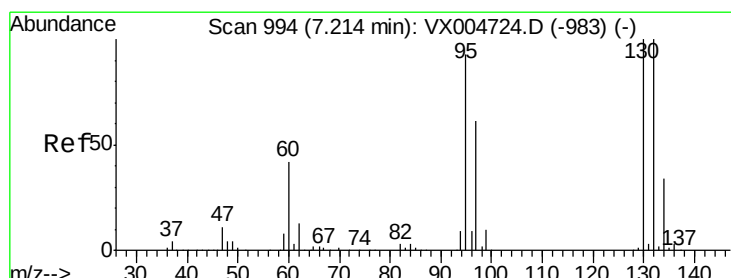
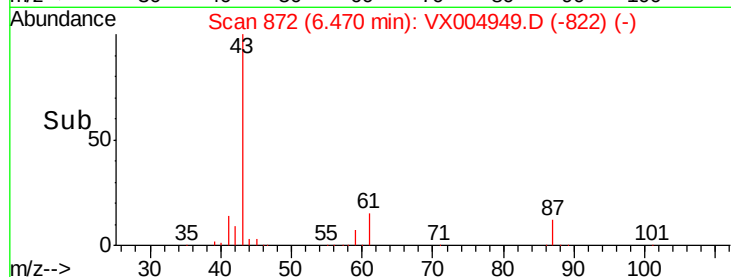
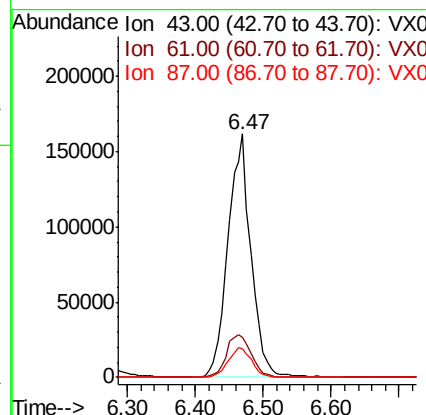
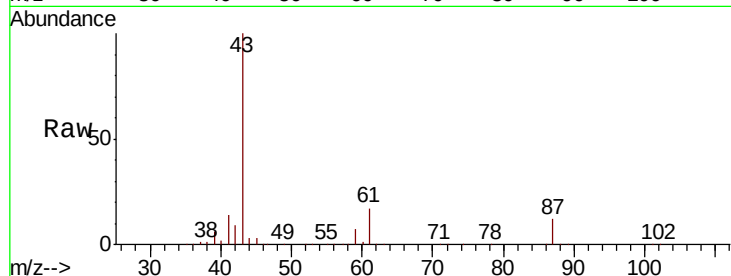
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	375734
Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.2	21.4
87	12.8	9.3	13.9

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#44

Trichloroethene

Concen: 49.376 ug/l

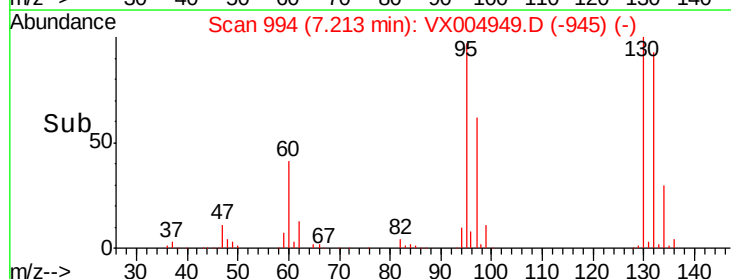
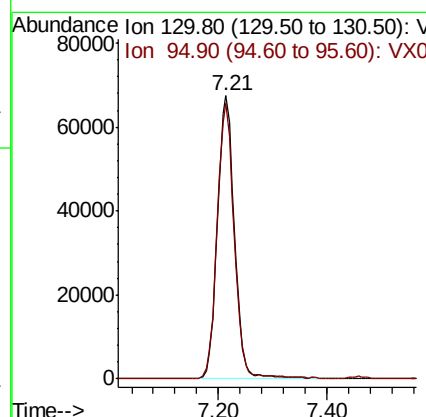
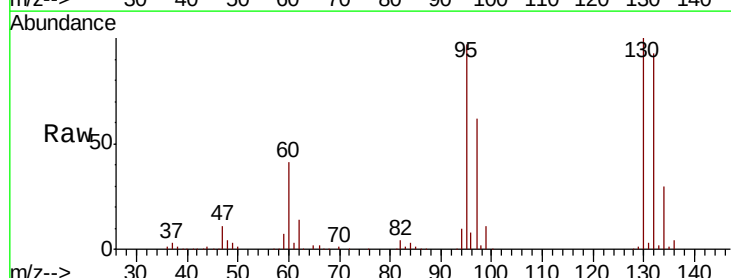
RT: 7.21 min Scan# 994

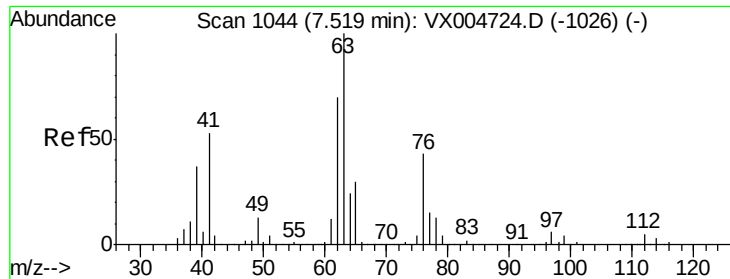
Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Tgt Ion:	130	Resp:	147359
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	186.8





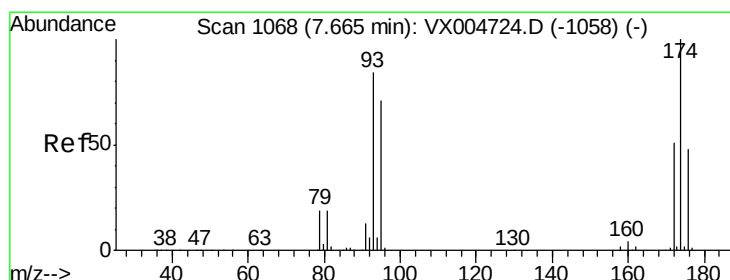
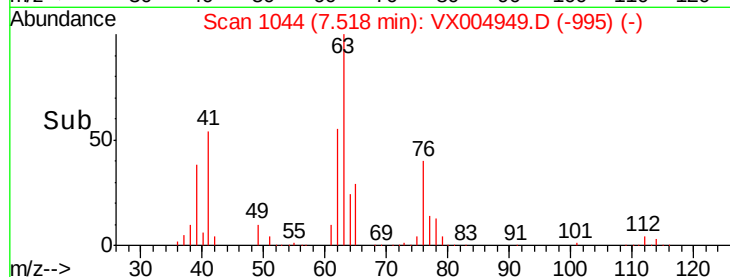
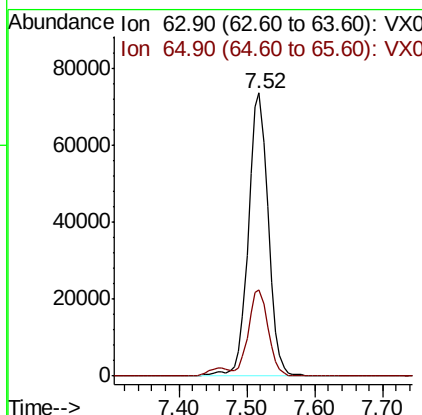
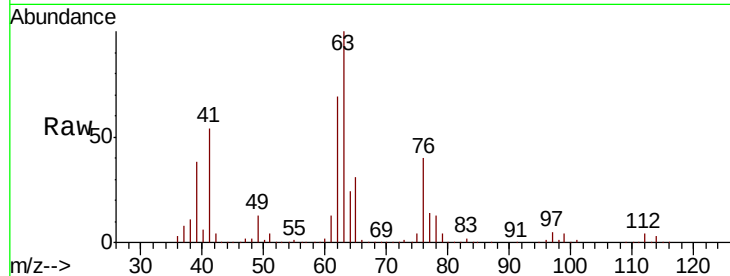
#45
 1,2-Dichloropropane
 Concen: 50.388 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 150012
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.9 35.9

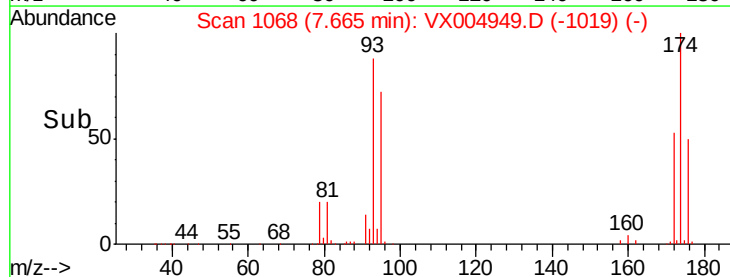
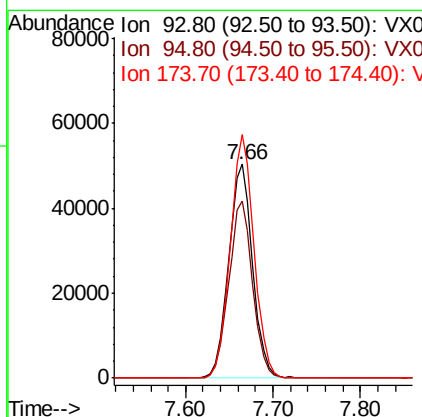
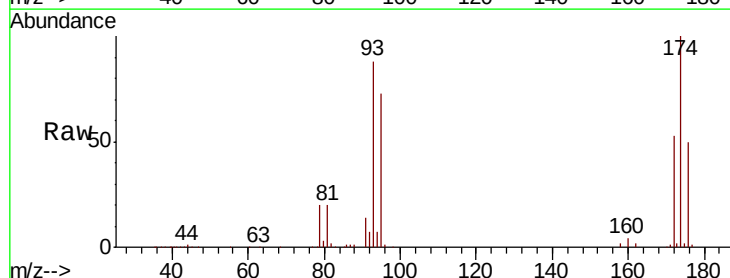
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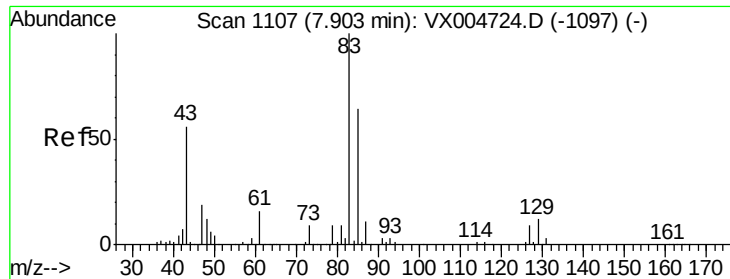
sam
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#46
 Dibromomethane
 Concen: 51.086 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion: 93 Resp: 95583
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 113.4 92.7 139.1





#47

Bromodichloromethane

Concen: 52.669 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

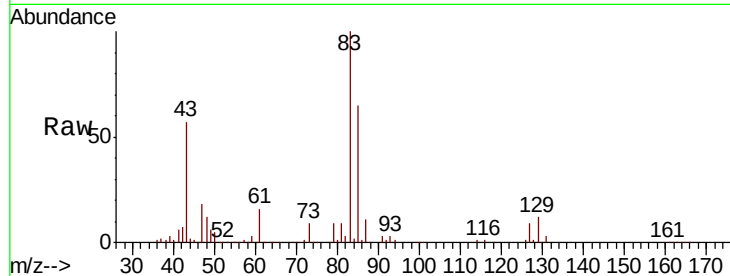
ClientSampled :

VSTDCCC050

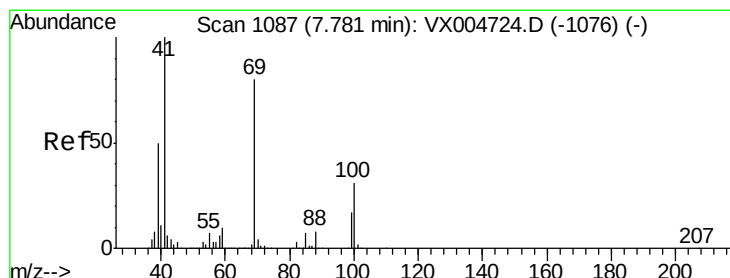
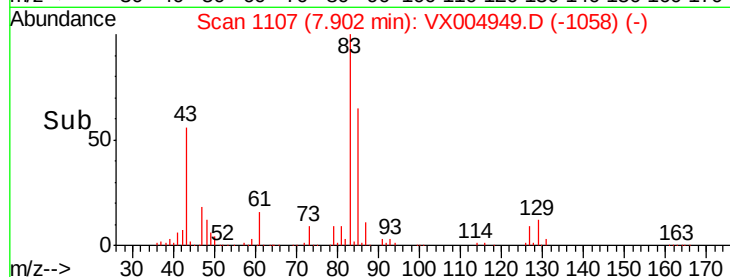
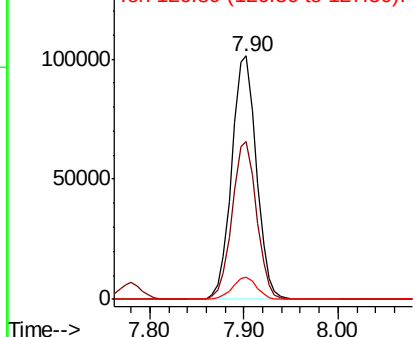
Tot Ion:	83	Resp:	184504
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.2	76.8
127	9.1	7.0	10.6

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.618 ug/l

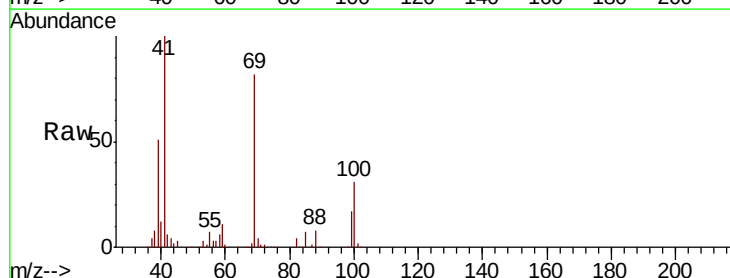
RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

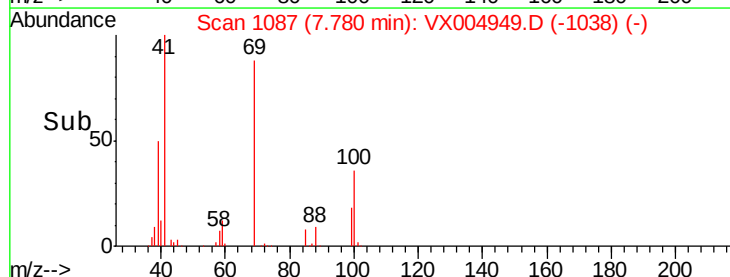
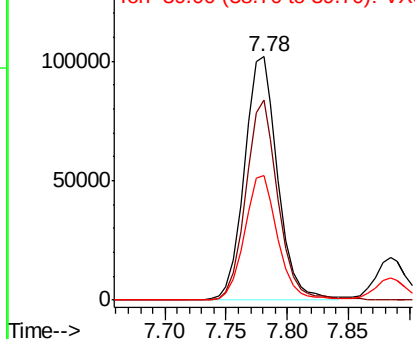
Lab File: VX004949.D

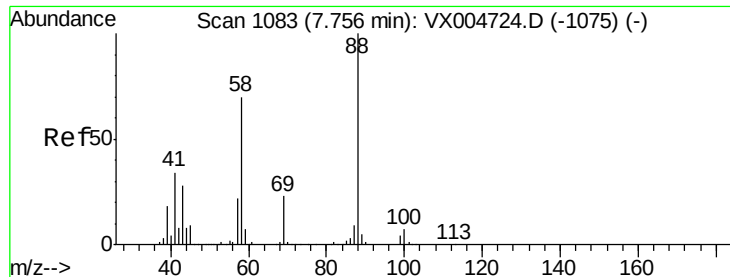
Acq: 03 Oct 2018 05:17

Tgt Ion:	41	Resp:	190925
Ion	Ratio	Lower	Upper
41	100		
69	80.4	63.8	95.6
39	51.2	40.7	61.1



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





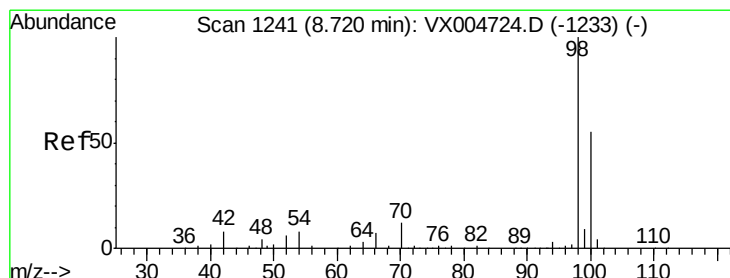
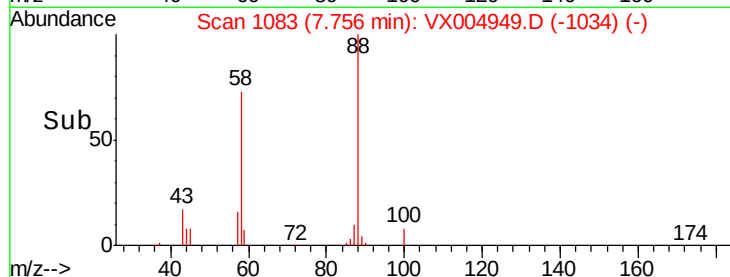
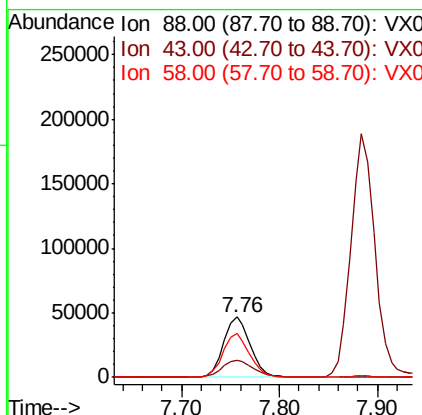
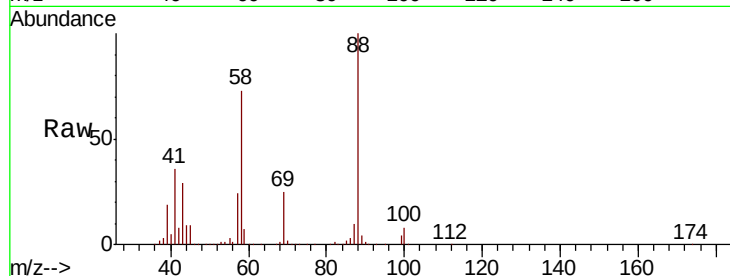
#49
1,4-Dioxane
Concen: 1048.272 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.1	37.7
58	74.4	56.2	84.2

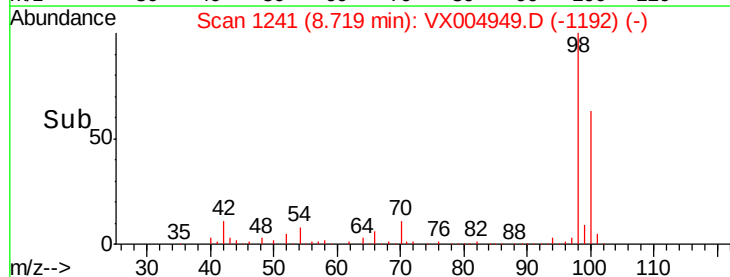
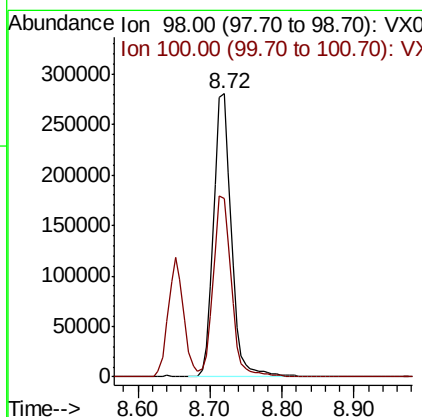
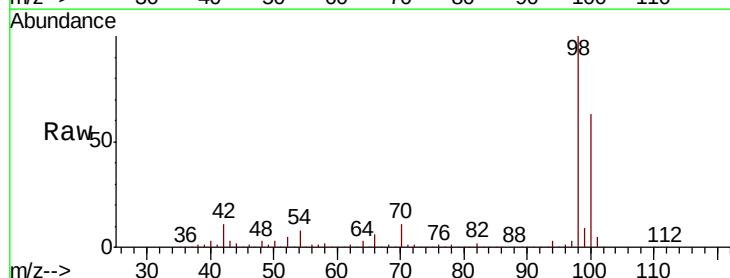
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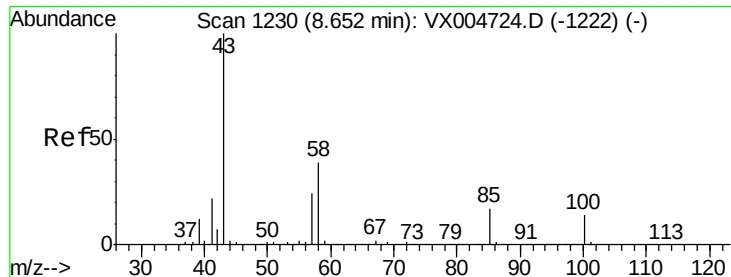
sam
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#50
Toluene-d8
Concen: 50.799 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 282.891 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1323351

Ion Ratio Lower Upper

43 100

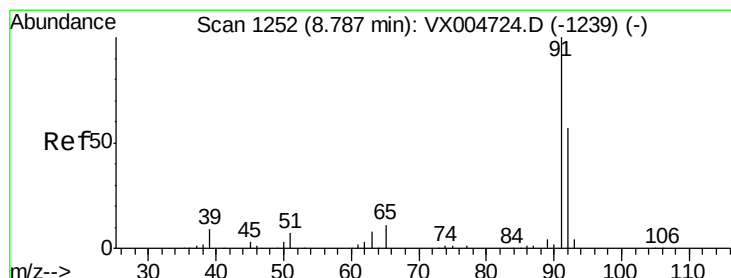
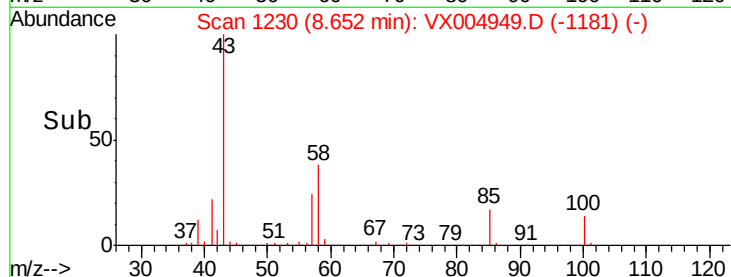
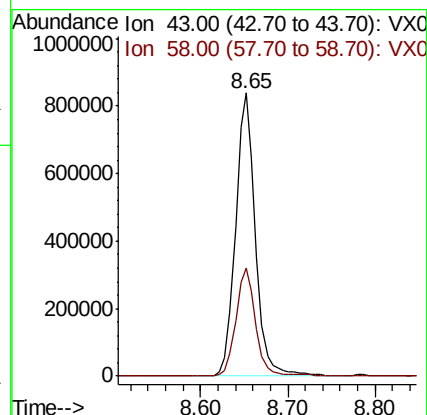
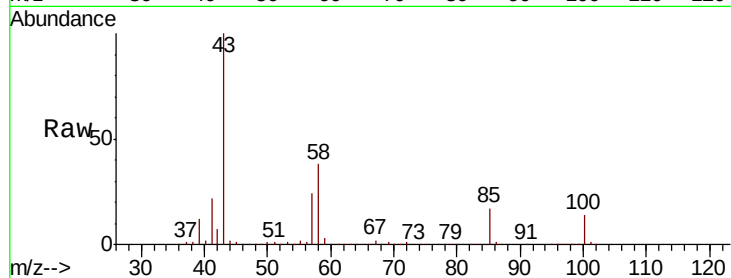
58 38.4 30.5 45.7

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#52

Toluene

Concen: 50.913 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004949.D

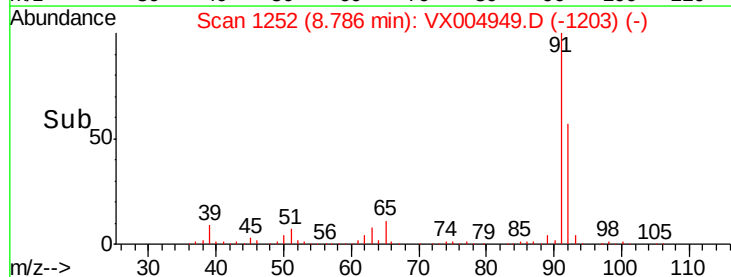
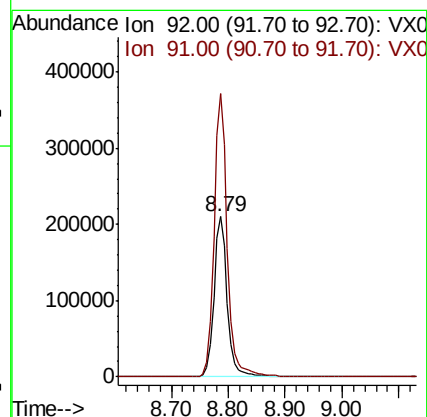
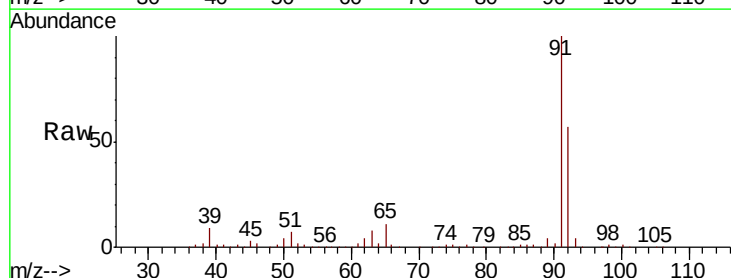
Acq: 03 Oct 2018 05:17

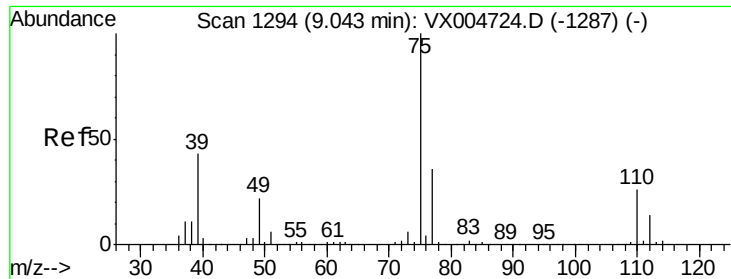
Tgt Ion: 92 Resp: 339634

Ion Ratio Lower Upper

92 100

91 175.4 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 48.232 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Tot Ion: 75 Resp: 190930

Ion Ratio Lower Upper

75 100

77 31.5 28.9 43.3

Instrument :

MSVOA_X

ClientSampled :

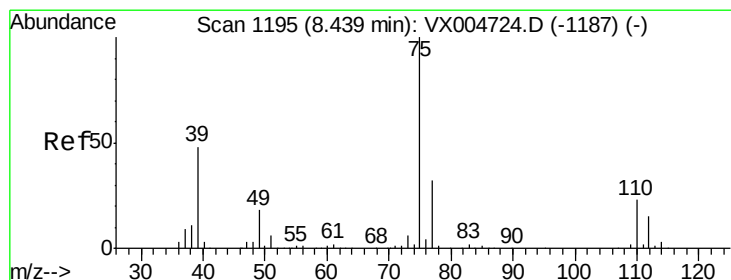
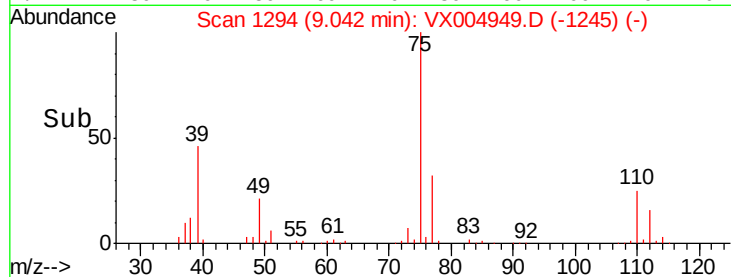
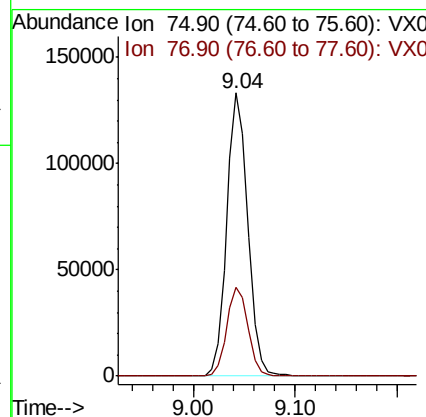
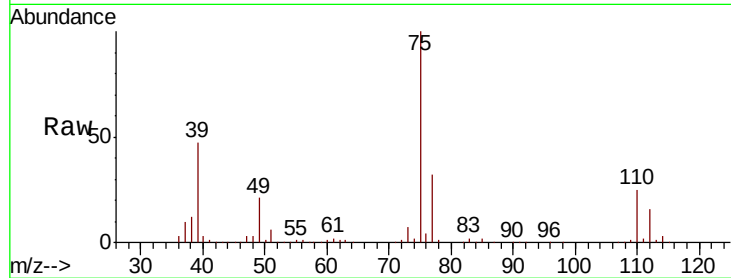
VSTDCCC050

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#54

cis-1,3-Dichloropropene

Concen: 50.219 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

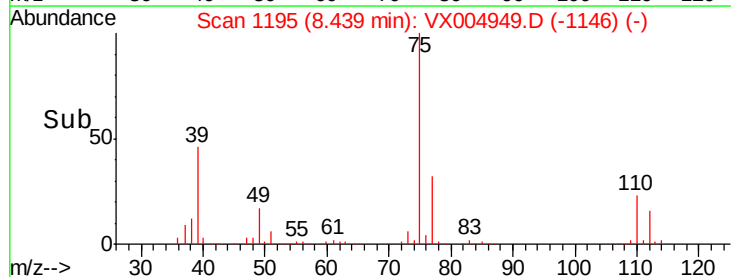
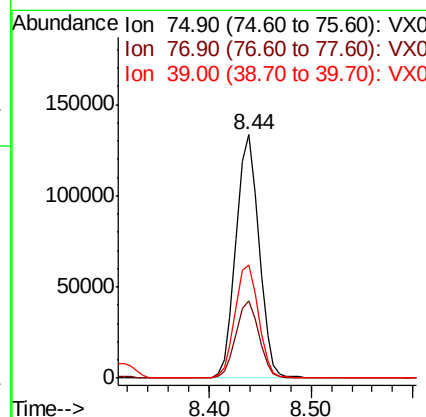
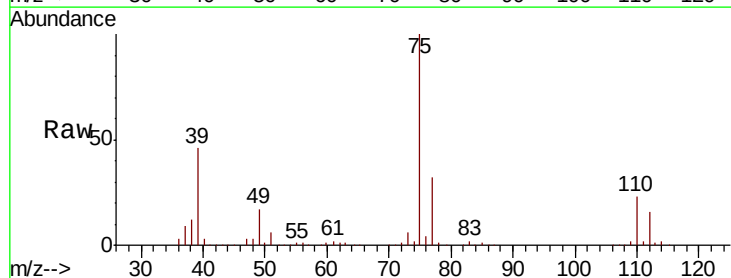
Tgt Ion: 75 Resp: 208223

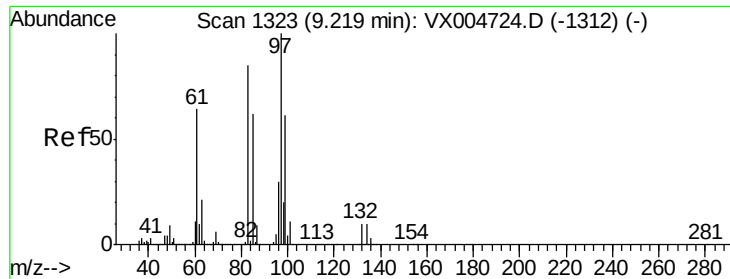
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 46.3 38.3 57.5





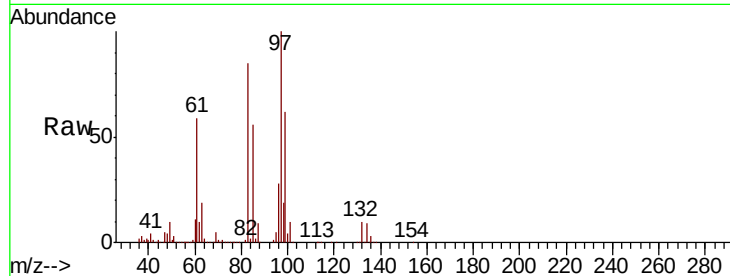
#55
 1,1,2-Trichloroethane
 Concen: 49.429 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

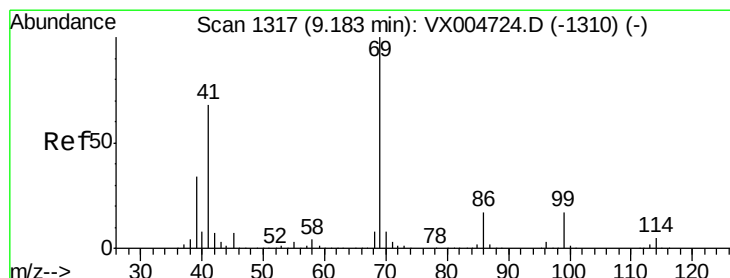
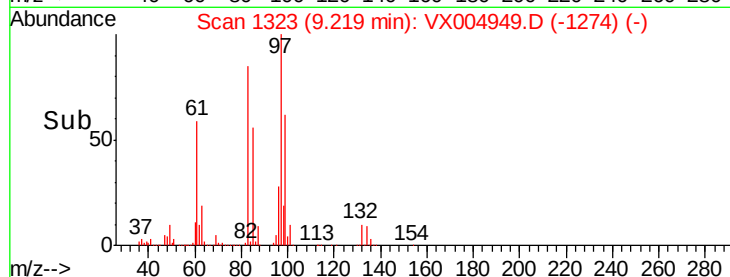
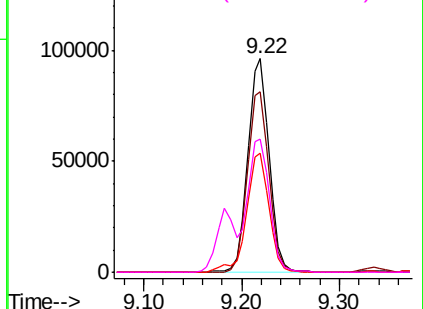
Tot Ion:	97	Resp:	144435
Ion Ratio	Lower	Upper	
97	100		
83	84.6	68.2	102.2
85	56.0	49.9	74.9
99	62.1	48.9	73.3

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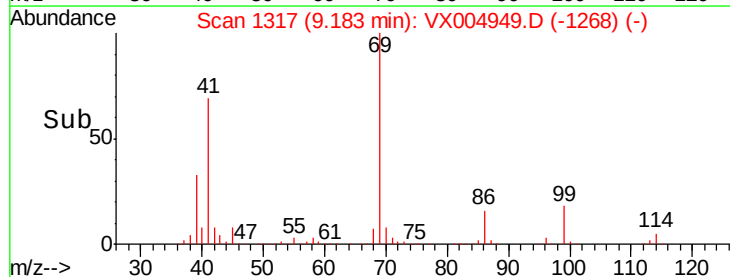
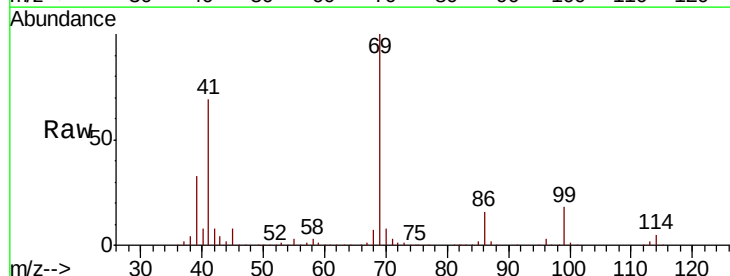
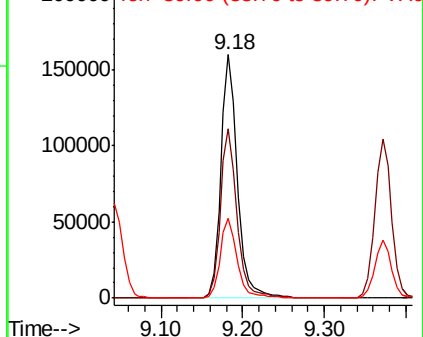
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

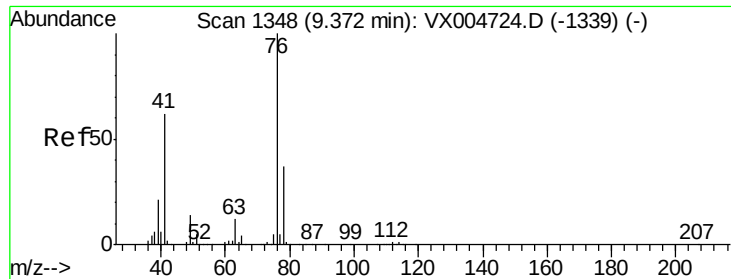


#56
 Ethyl methacrylate
 Concen: 48.088 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion:	69	Resp:	227468
Ion Ratio	Lower	Upper	
69	100		
41	69.3	56.9	85.3
39	33.6	28.4	42.6

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





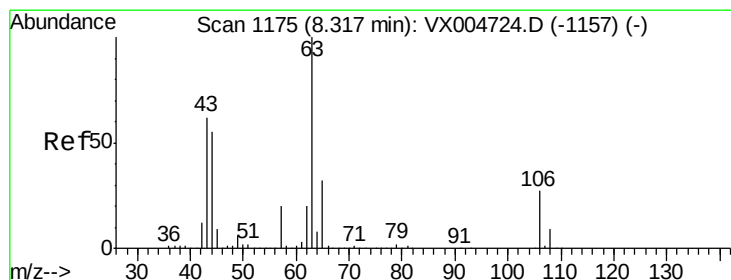
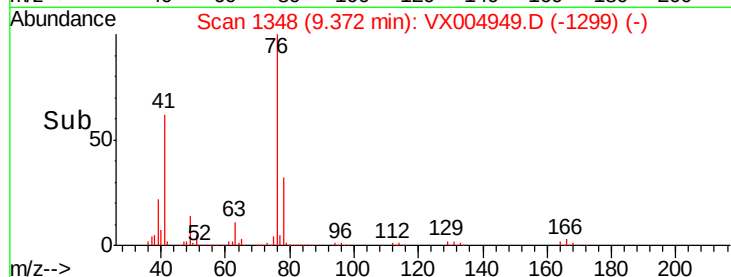
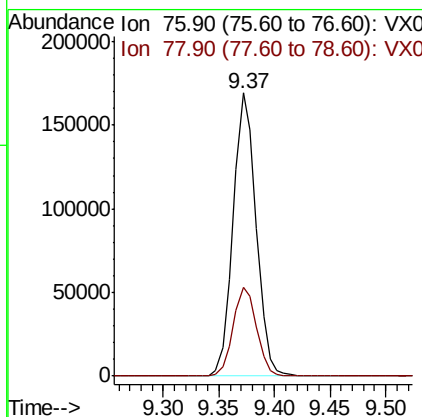
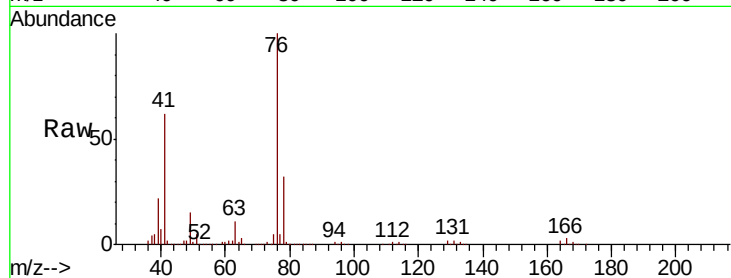
#57
 1,3-Dichloropropane
 Concen: 49.635 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.6	40.0

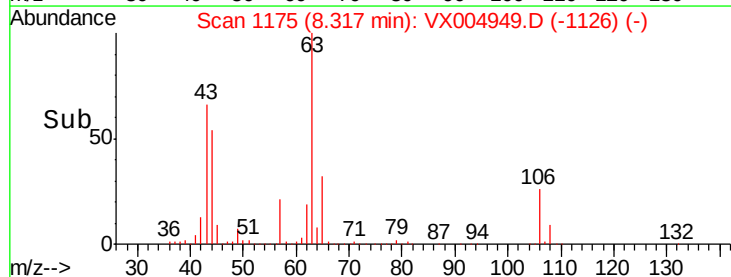
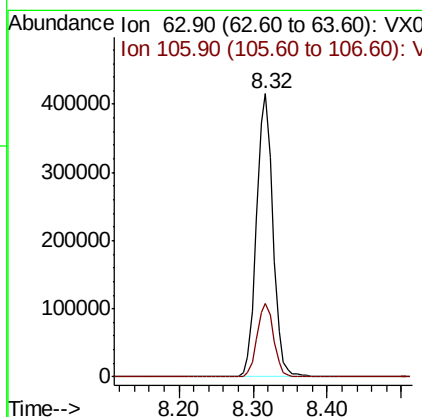
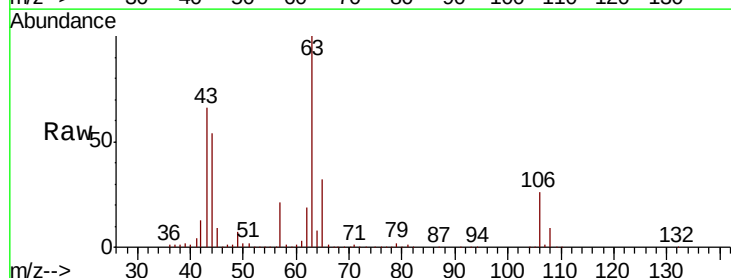
Manual Integrations
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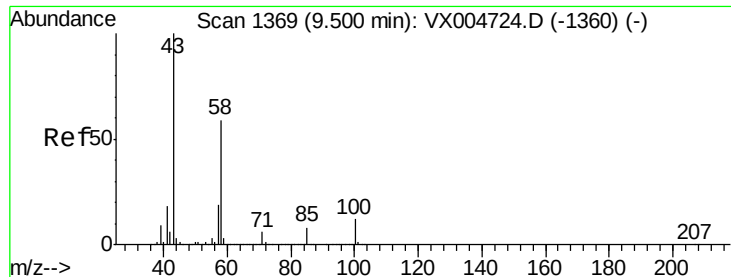
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 256.464 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.4	21.0	31.6





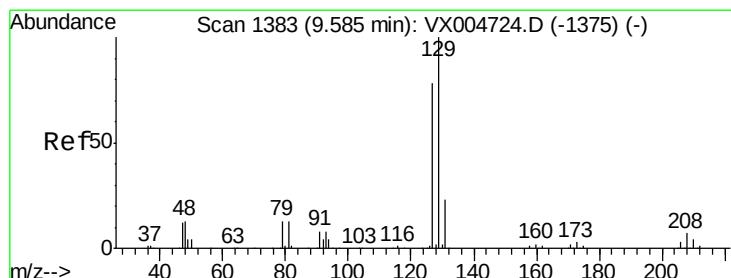
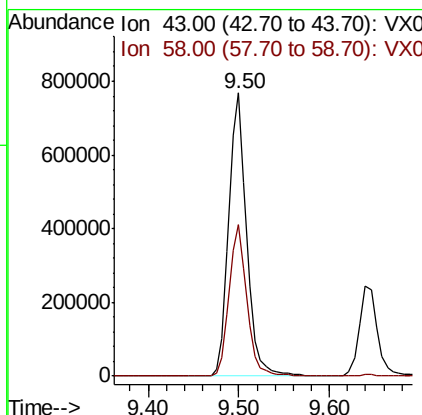
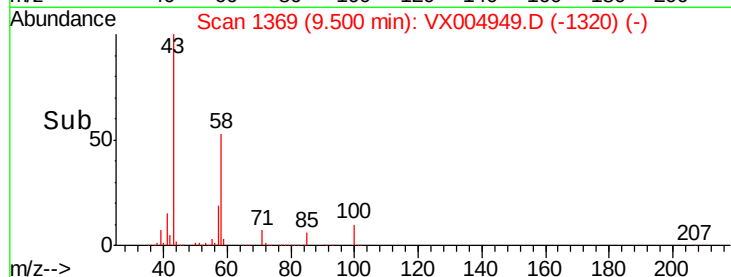
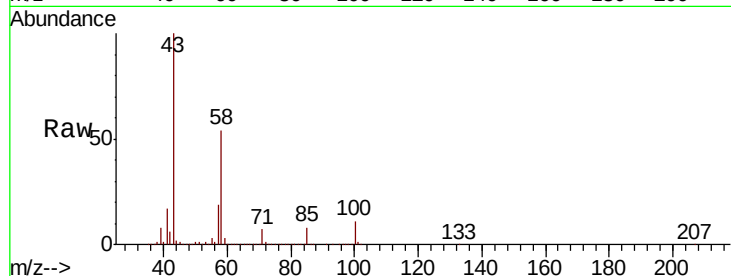
#59
2-Hexanone
Concen: 270.317 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1053756
Ion Ratio Lower Upper
43 100
58 53.4 28.4 85.3

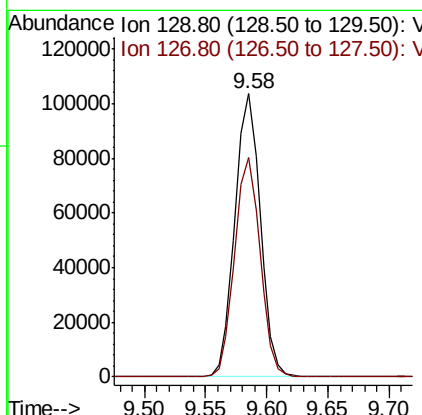
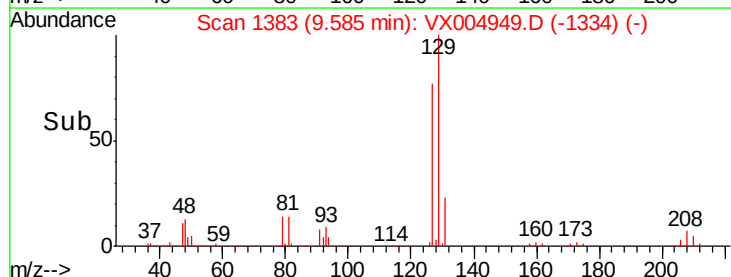
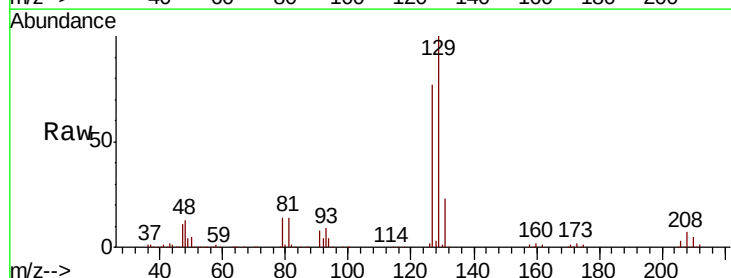
Manual Integrations
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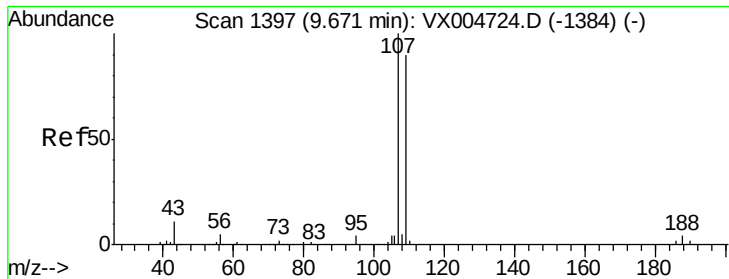
sam
10/3/2018 5:56:46 PM



#60
Dibromochloromethane
Concen: 51.089 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion: 129 Resp: 149297
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.126 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 150603

Ion Ratio Lower Upper

107 100

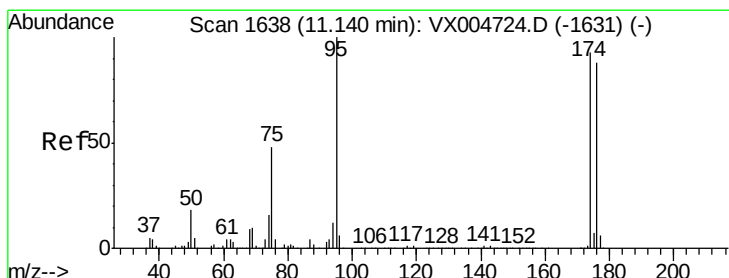
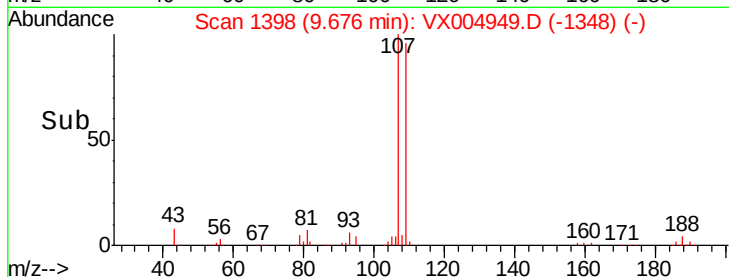
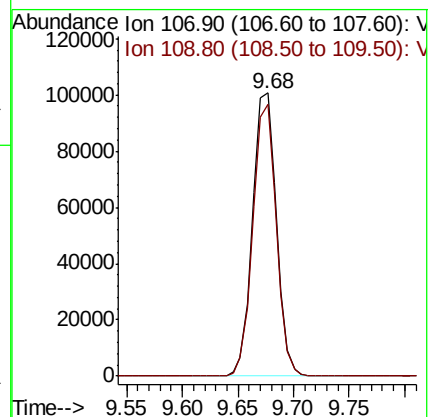
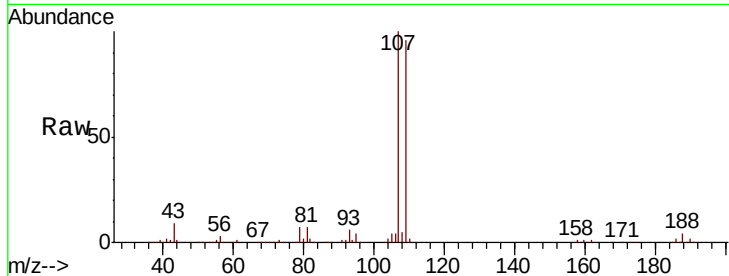
109 94.3 72.1 108.1

Manual Integrations

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sam

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#62

4-Bromofluorobenzene

Concen: 52.534 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

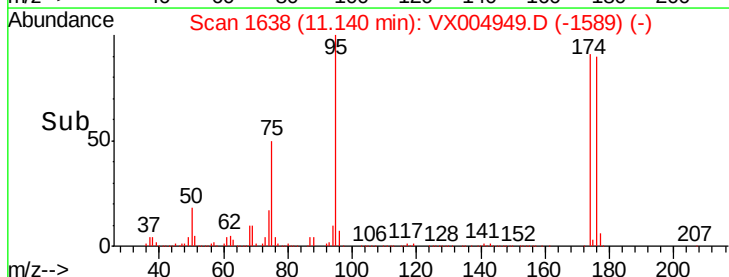
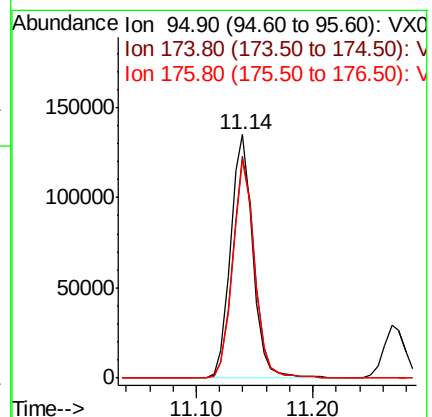
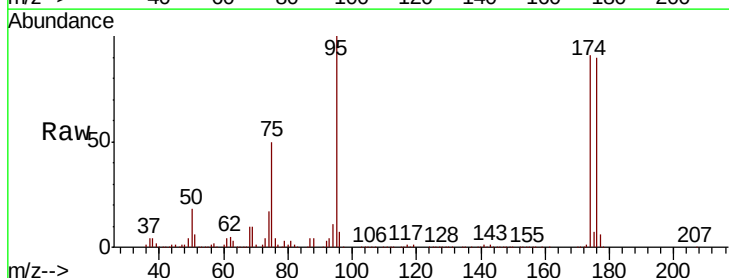
Tgt Ion: 95 Resp: 178824

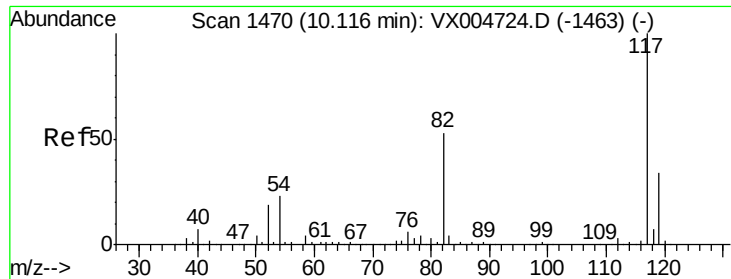
Ion Ratio Lower Upper

95 100

174 90.4 0.0 185.0

176 88.1 0.0 180.2





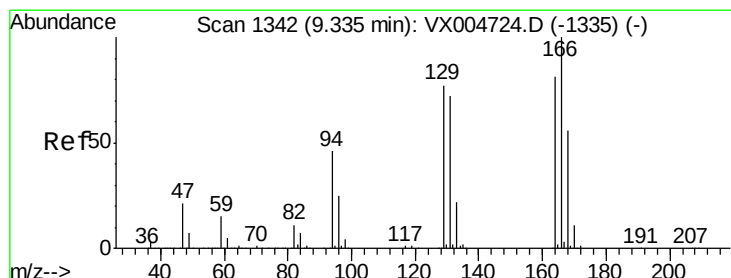
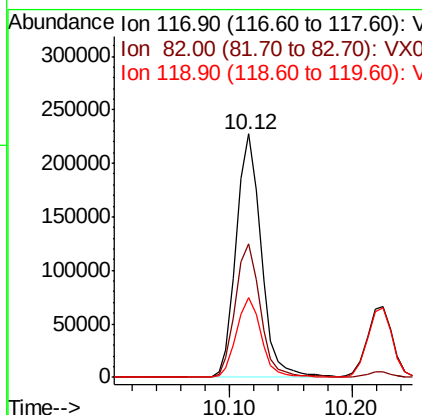
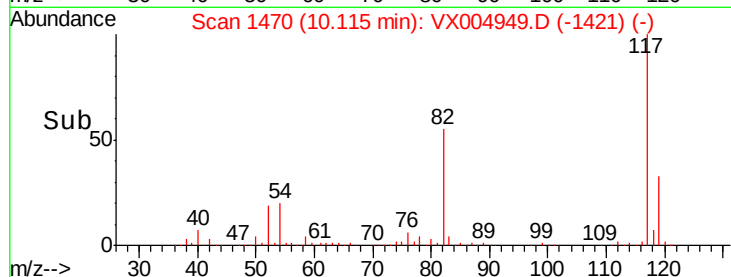
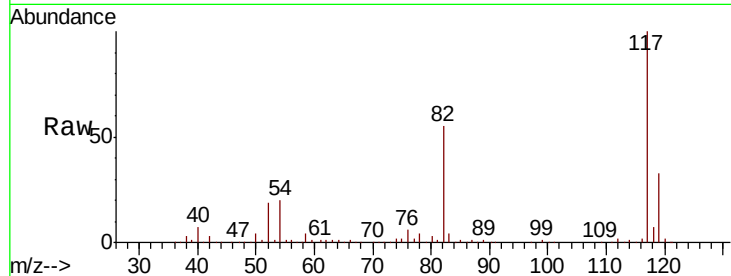
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.2	63.4
119	33.0	27.4	41.0

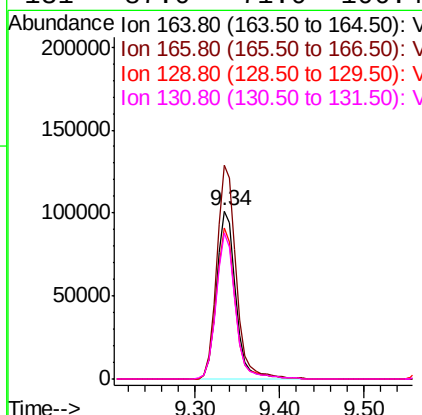
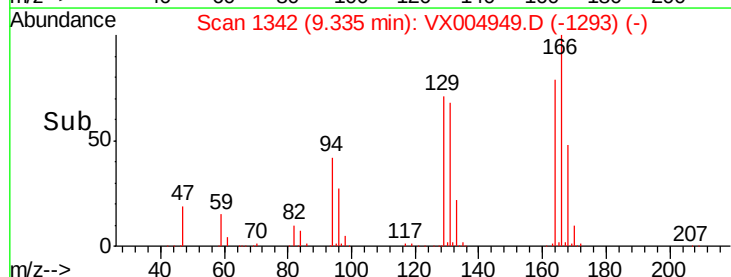
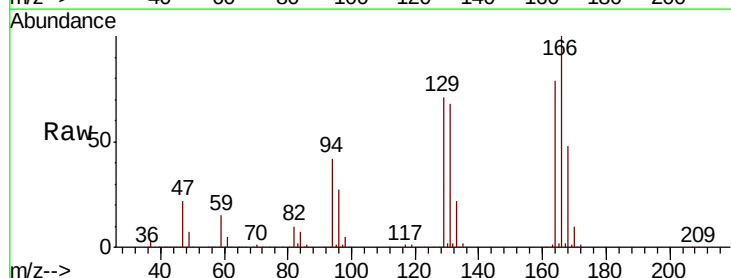
Manual Integrations
APPROVED

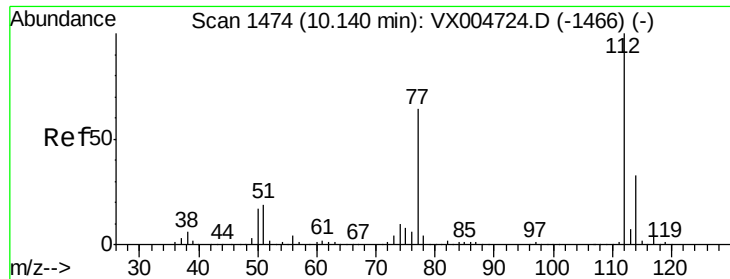
sam
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#64
Tetrachloroethene
Concen: 50.507 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	98.4	147.6
129	90.1	76.1	114.1
131	87.0	71.0	106.4





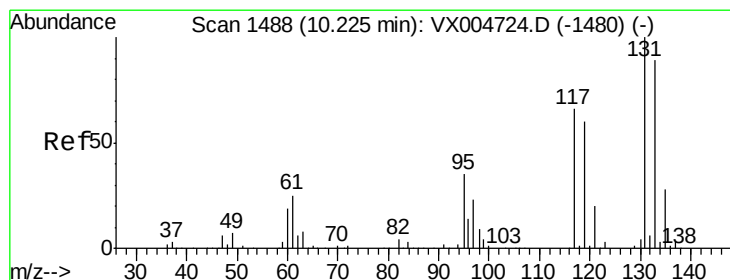
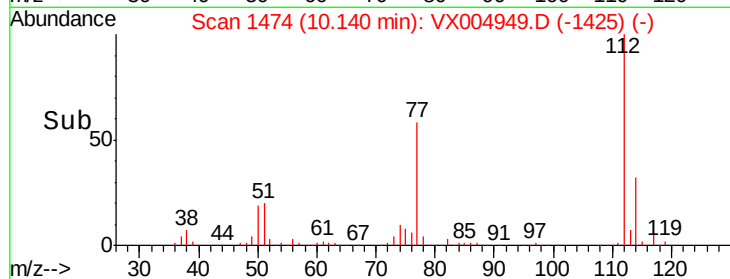
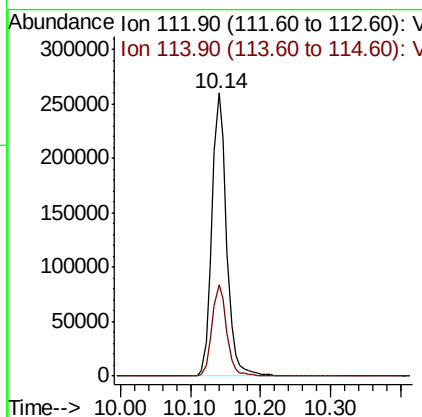
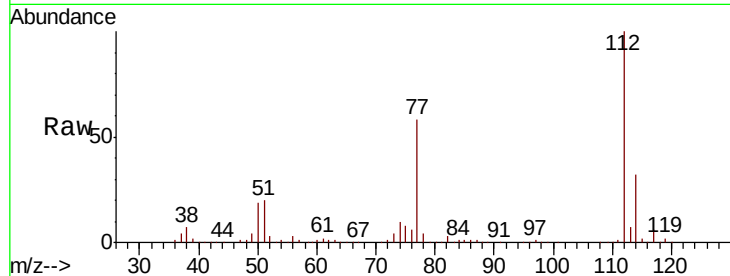
#65
Chlorobenzene
Concen: 46.062 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 379895
Ion Ratio Lower Upper
112 100
114 32.2 26.7 40.1

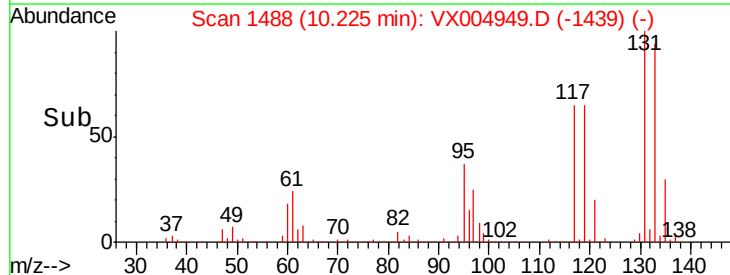
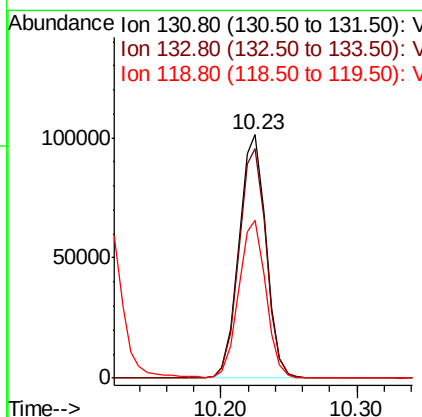
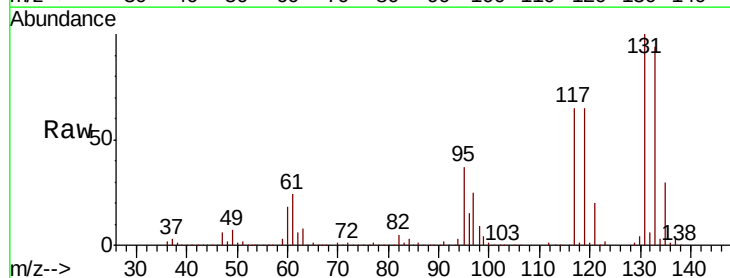
Manual Integrations
APPROVED

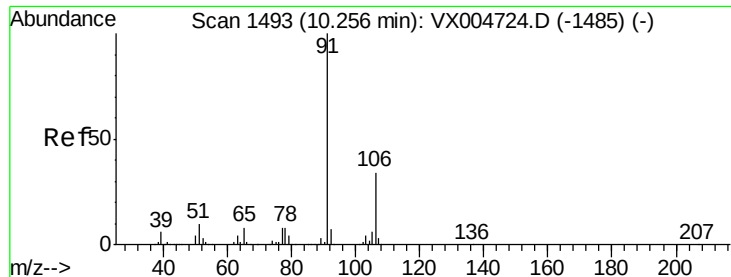
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.360 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion:131 Resp: 140216
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.0
119 65.0 32.3 96.8





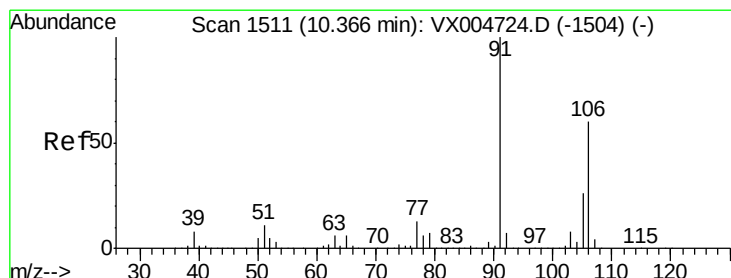
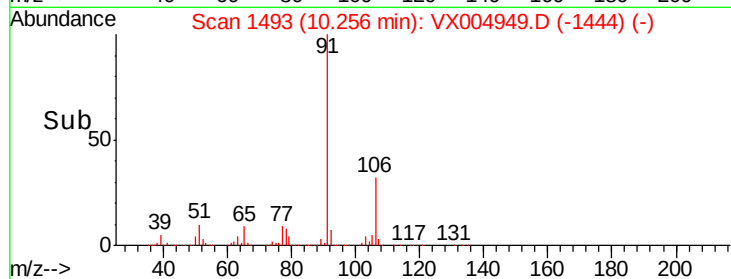
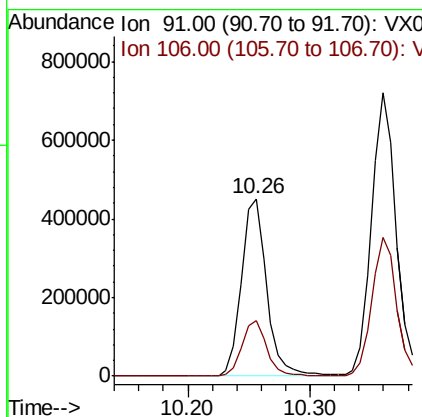
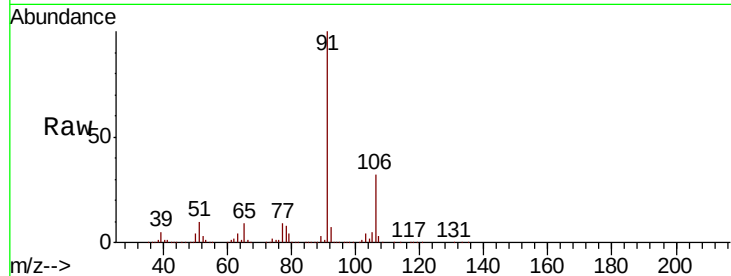
#67
Ethyl Benzene
Concen: 49.400 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 646839
Ion Ratio Lower Upper
91 100
106 31.6 26.9 40.3

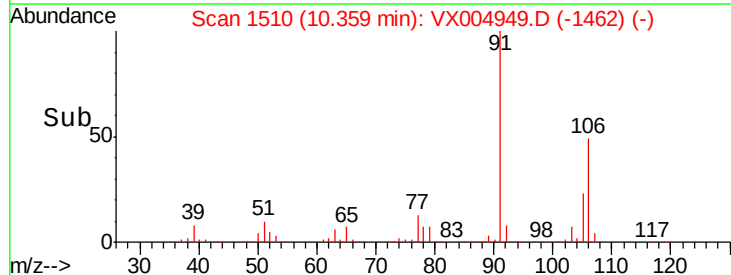
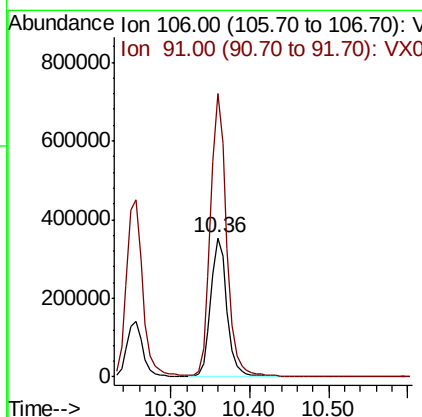
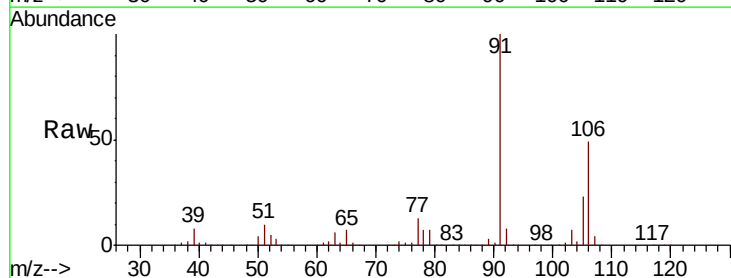
Manual Integrations
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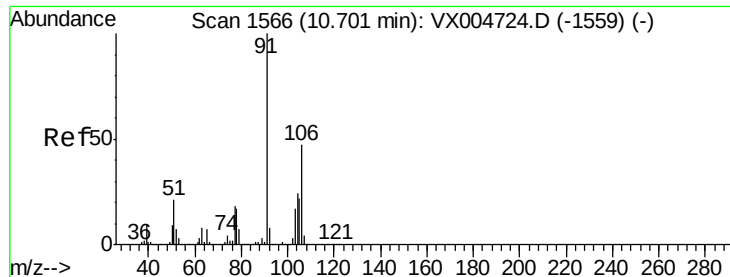
sam
10/3/2018 5:56:46 PM



#68
m/p-Xylenes
Concen: 99.545 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion: 106 Resp: 509340
Ion Ratio Lower Upper
106 100
91 202.4 157.5 236.3





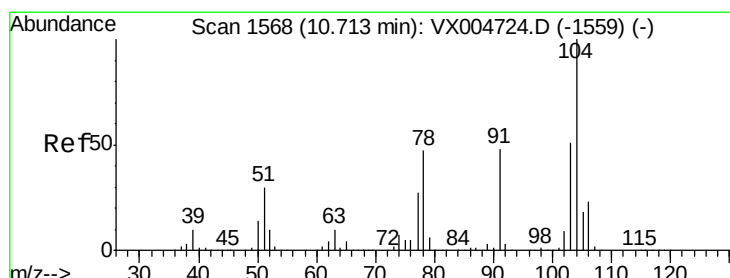
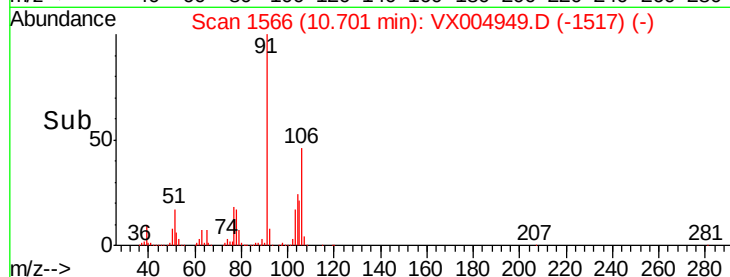
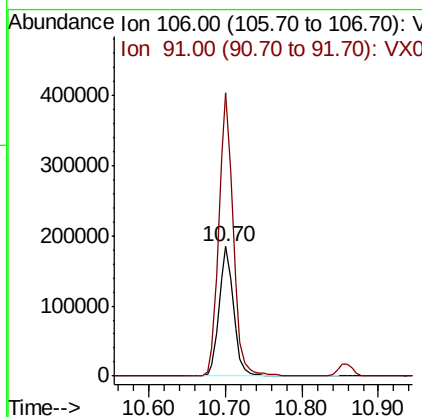
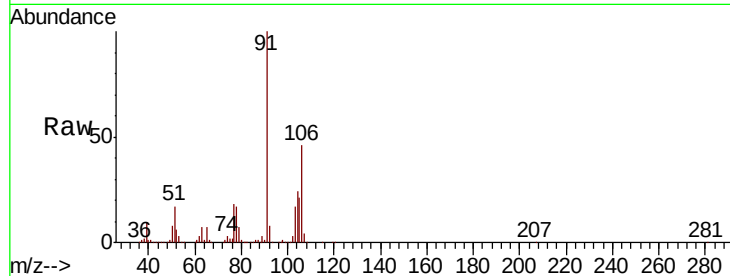
#69
o-Xylene
Concen: 51.634 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.1	108.3	324.8

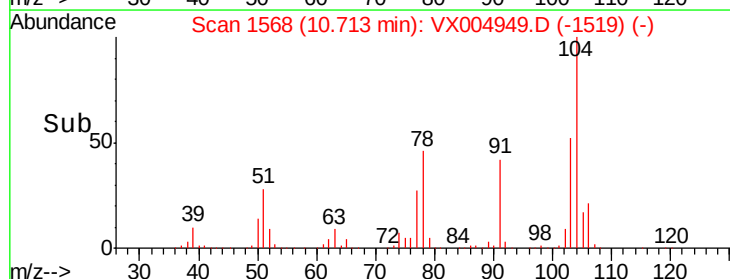
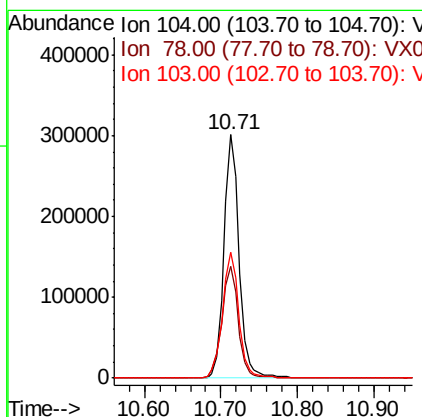
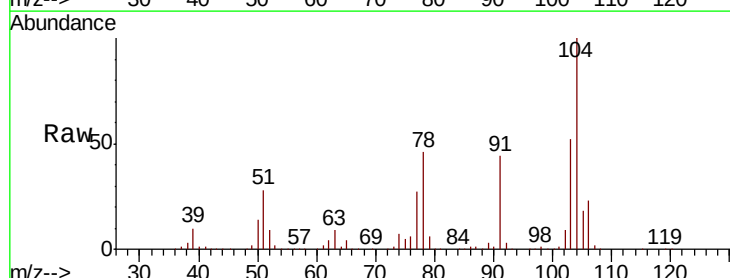
Manual Integrations
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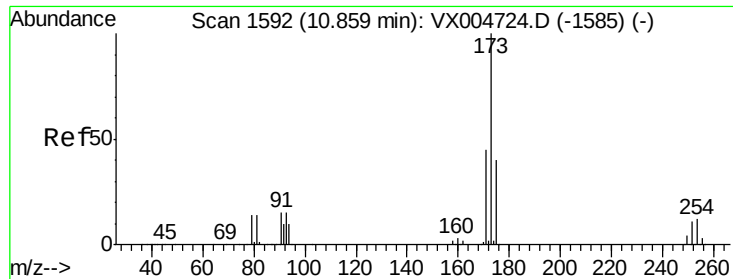
sam
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#70
Styrene
Concen: 47.073 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.0	60.0
103	56.0	44.3	66.5





#71

Bromoform

Concen: 50.296 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

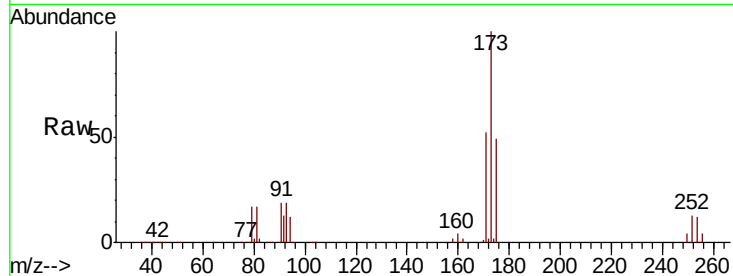
ClientSampleId :

VSTDCCC050

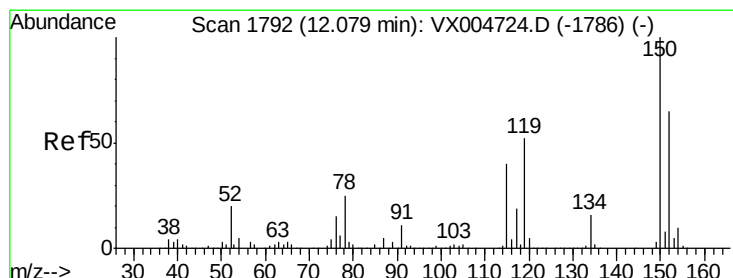
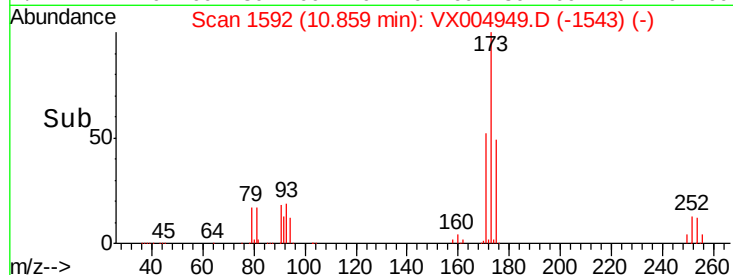
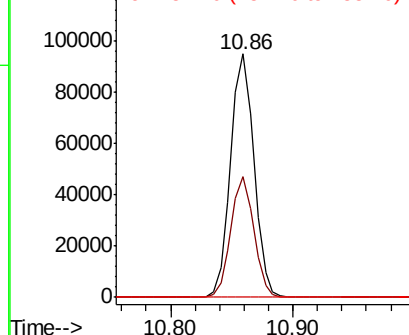
Tot Ion:	173	Resp:	124849
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.3	69.8
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

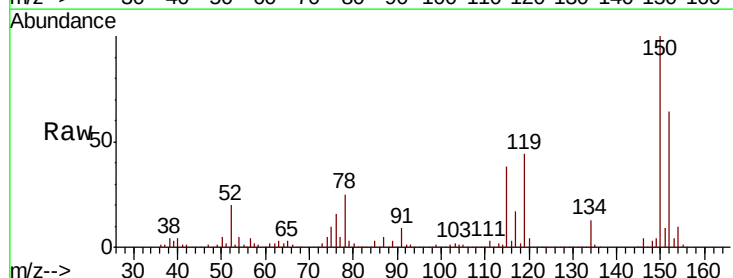
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

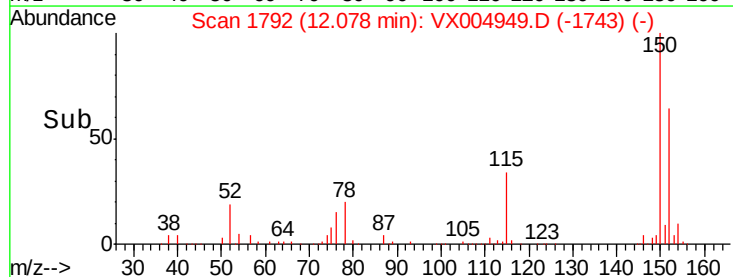
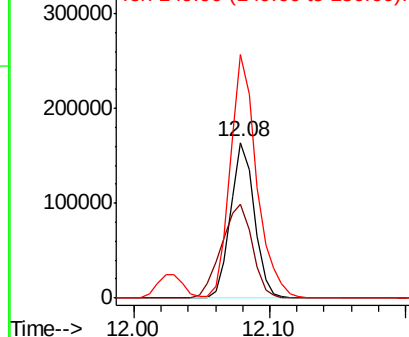
Lab File: VX004949.D

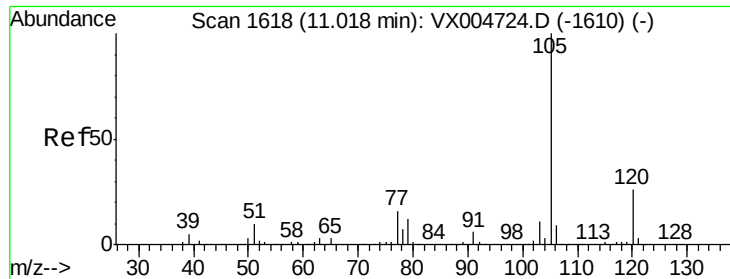
Acq: 03 Oct 2018 05:17

Tgt Ion:	152	Resp:	199405
Ion Ratio	Lower	Upper	
152	100		
115	78.6	40.2	120.6
150	173.4	0.0	351.0



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





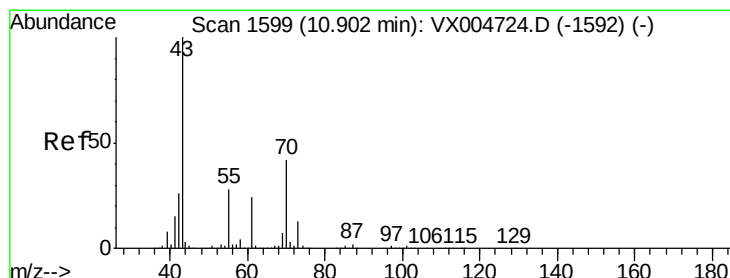
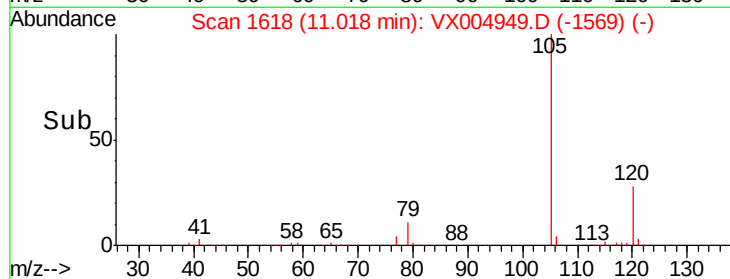
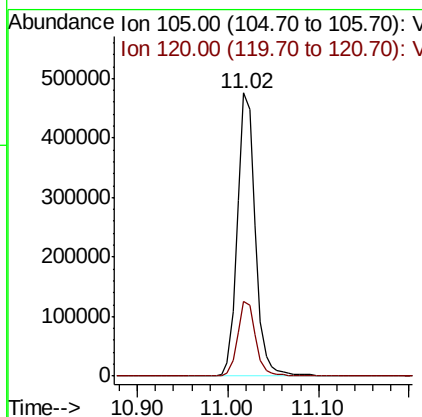
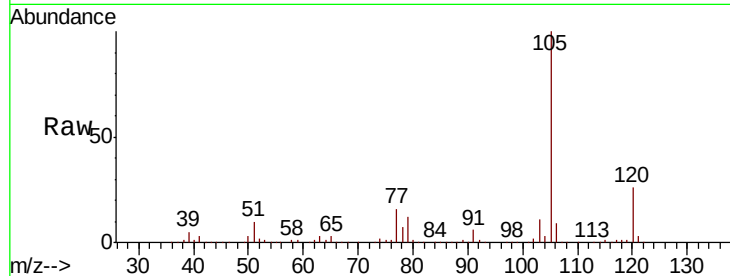
#73
Isopropylbenzene
Concen: 51.988 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 653424
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

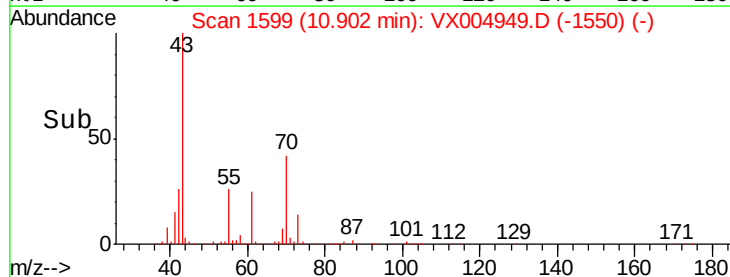
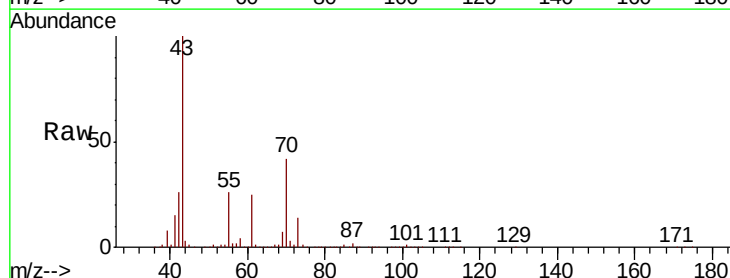
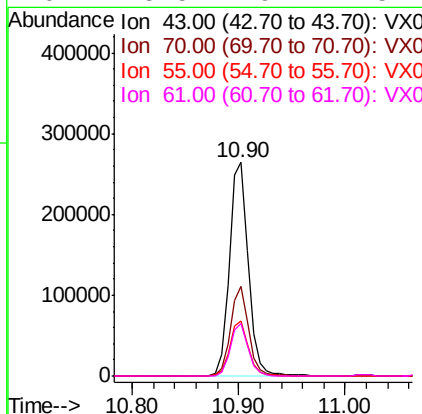
Manual Integrations
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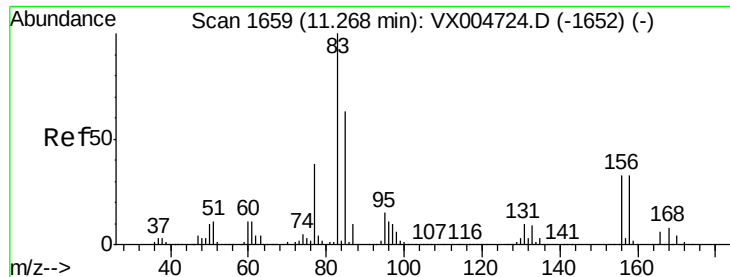
sam
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#74
N-ethyl acetate
Concen: 47.696 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion: 43 Resp: 328925
Ion Ratio Lower Upper
43 100
70 40.1 32.6 48.8
55 25.3 21.6 32.4
61 23.5 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.869 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 239798

Ion Ratio Lower Upper

83 100

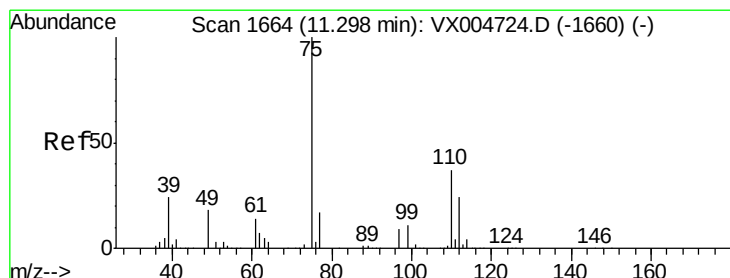
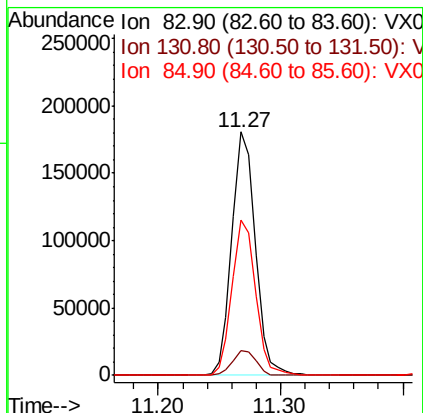
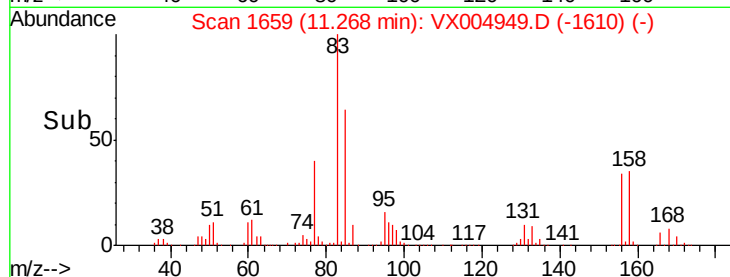
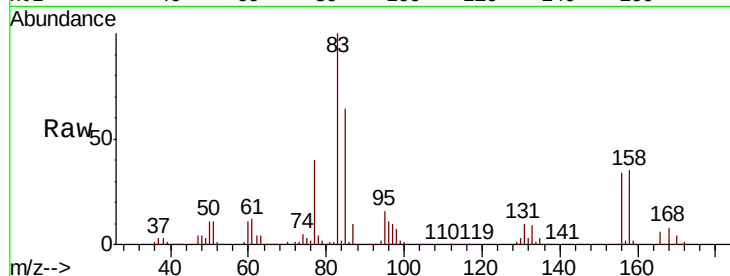
131 10.4 5.1 15.3

85 64.2 31.9 95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.726 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004949.D

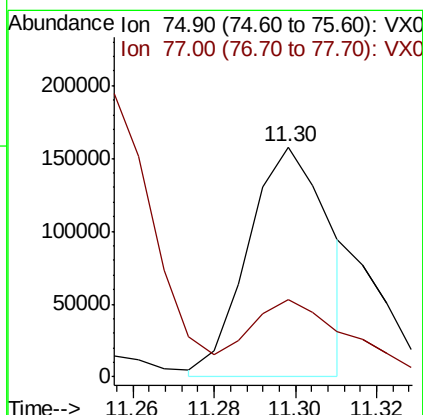
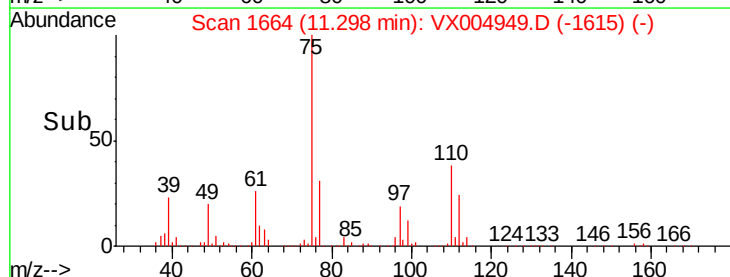
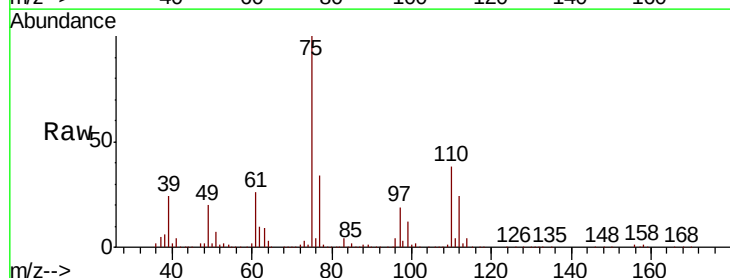
Acq: 03 Oct 2018 05:17

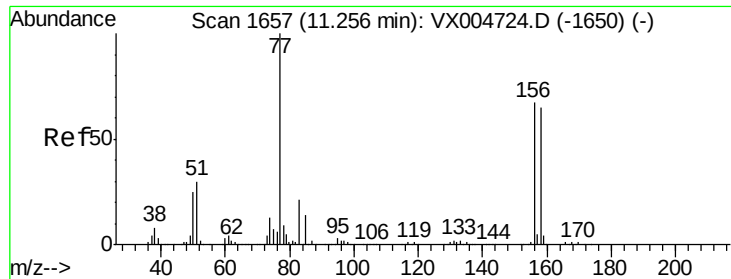
Tgt Ion: 75 Resp: 217774

Ion Ratio Lower Upper

75 100

77 41.8 21.4 64.3





#77

Bromobenzene

Concen: 48.158 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

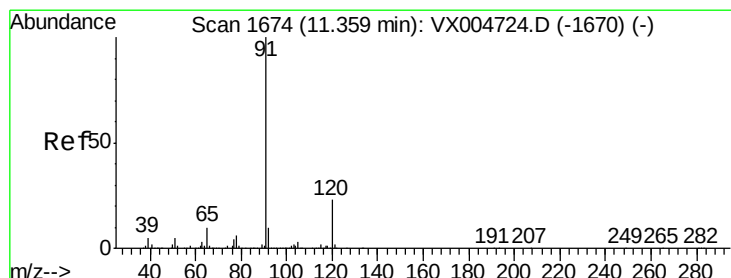
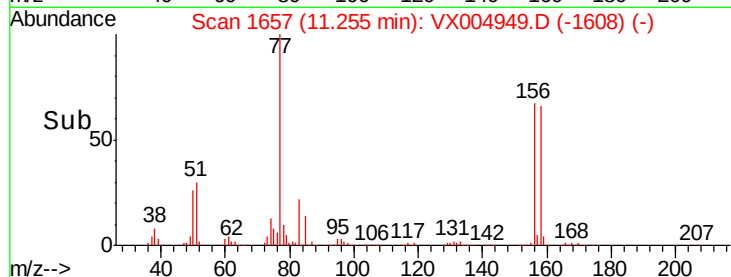
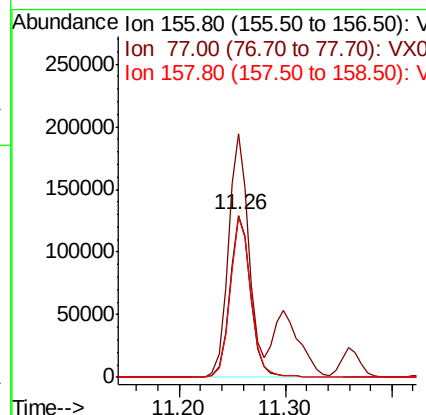
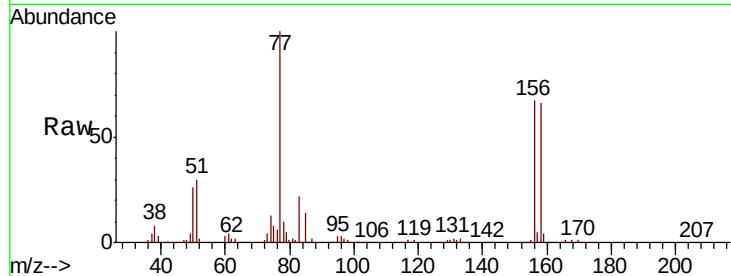
ClientSampled :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	147.9	73.4	220.2		
158	98.9	49.1	147.4		

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 52.140 ug/l

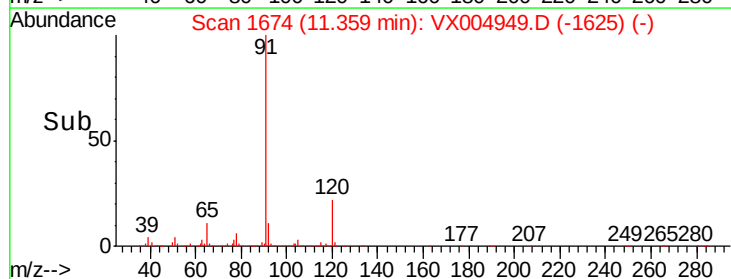
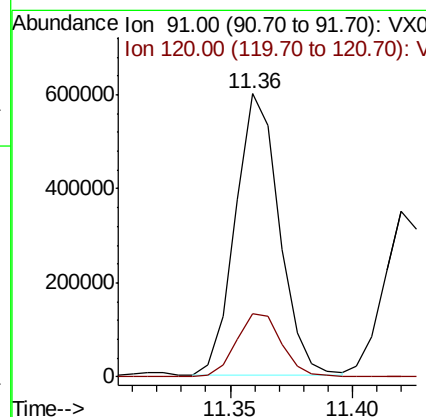
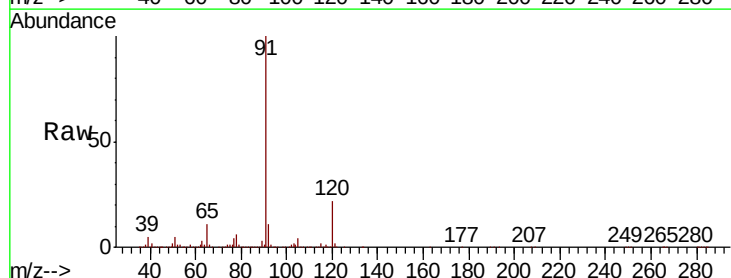
RT: 11.36 min Scan# 1674

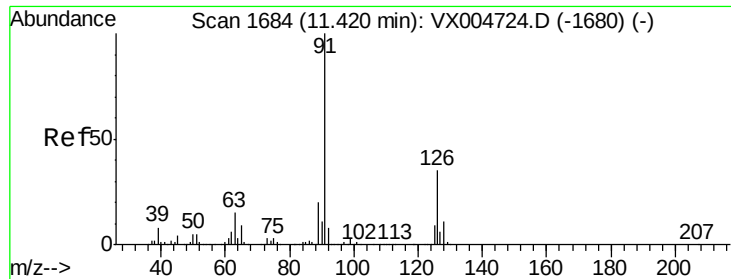
Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	23.7	12.0	36.0		





#79

2-Chlorotoluene

Concen: 50.754 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004949.D

Acq: 03 Oct 2018 05:17

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 456222

Ion Ratio Lower Upper

91 100

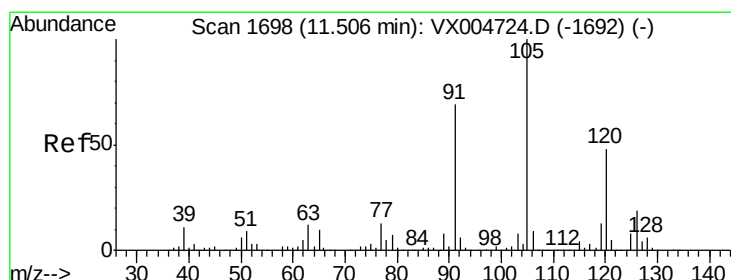
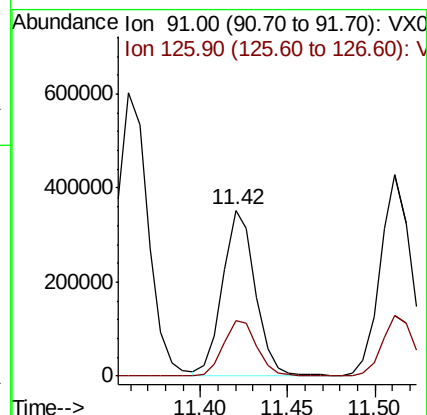
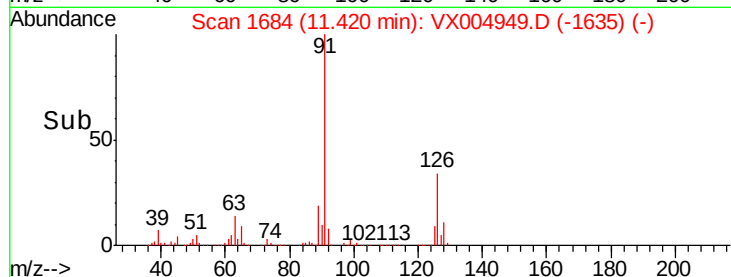
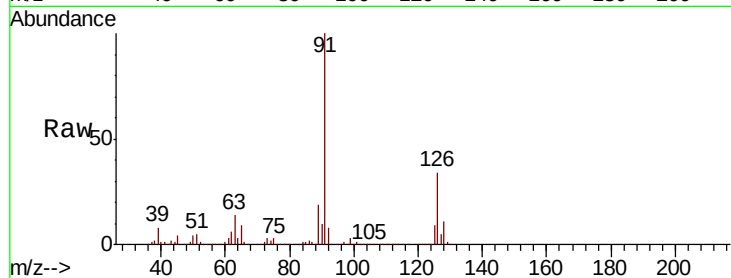
126 34.9 17.6 52.9

Manual Integrations

APPROVED

sam

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#80

1,3,5-Trimethylbenzene

Concen: 48.588 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004949.D

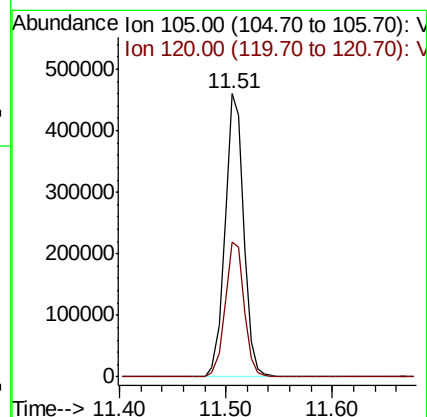
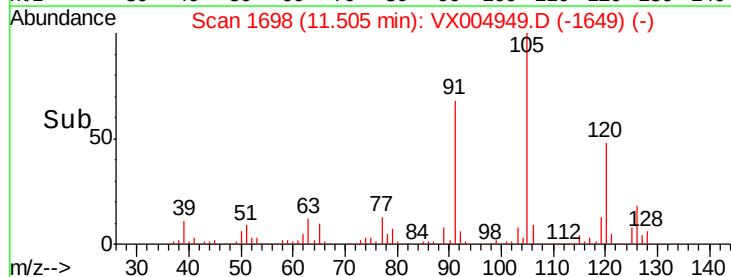
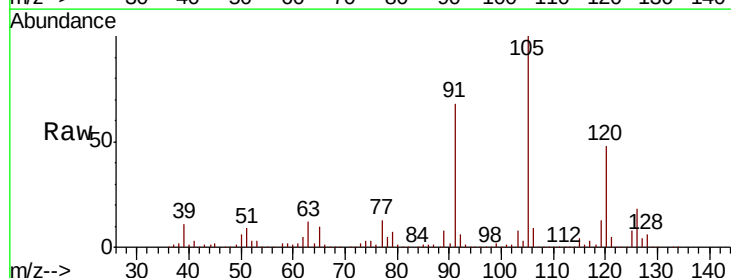
Acq: 03 Oct 2018 05:17

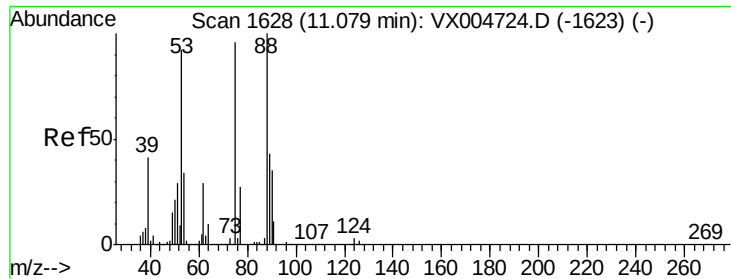
Tgt Ion: 105 Resp: 559782

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8





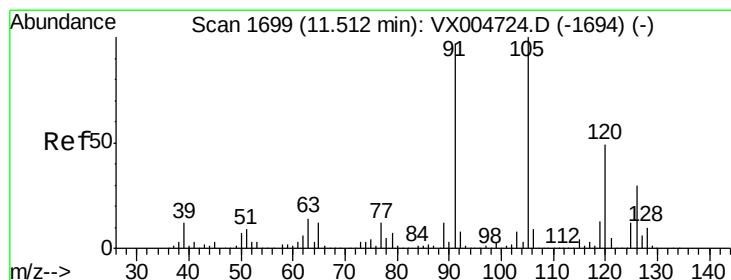
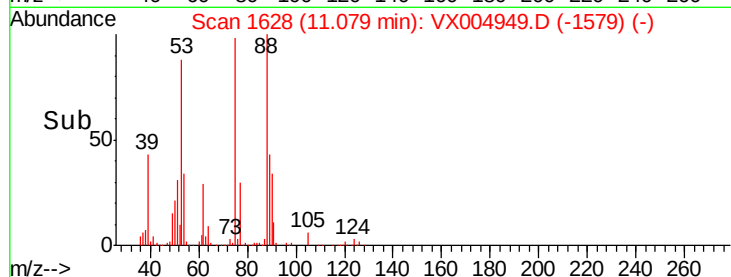
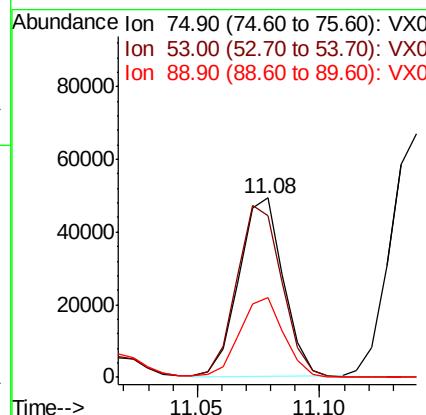
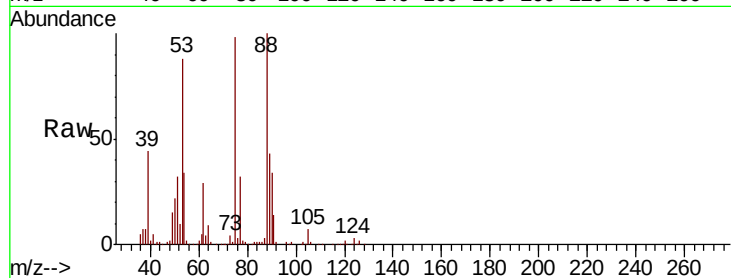
#81
trans-1,4-Dichloro-2-butene
Concen: 38.219 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.8	80.2	120.4
89	44.9	37.1	55.7

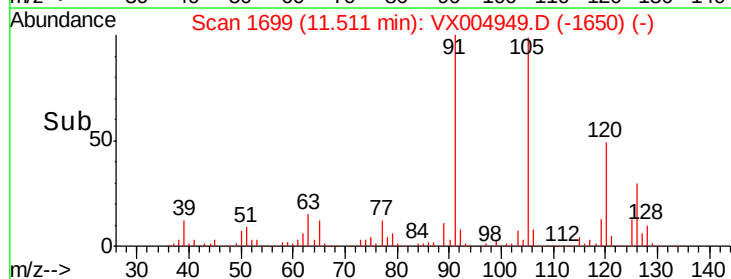
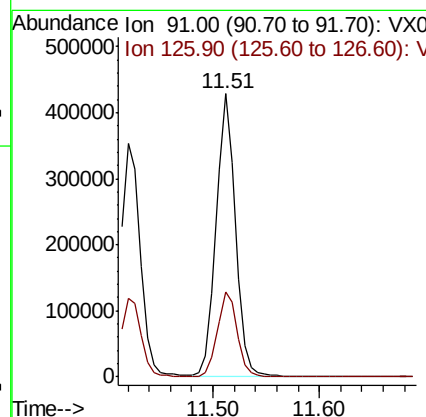
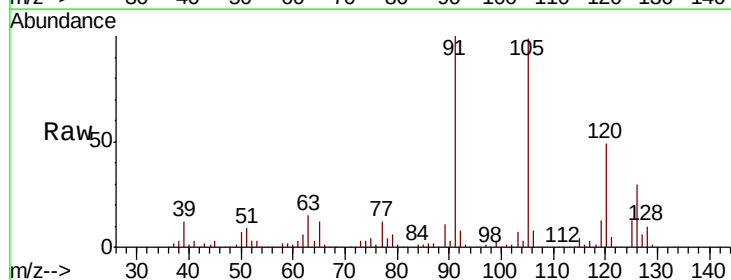
Manual Integrations
APPROVED

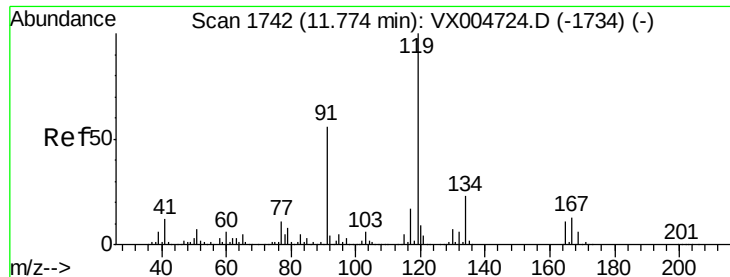
sam
10/3/2018 5:56:46 PM



#82
4-Chlorotoluene
Concen: 50.567 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.5	46.5





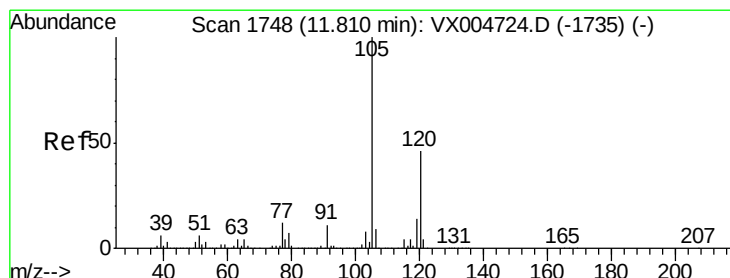
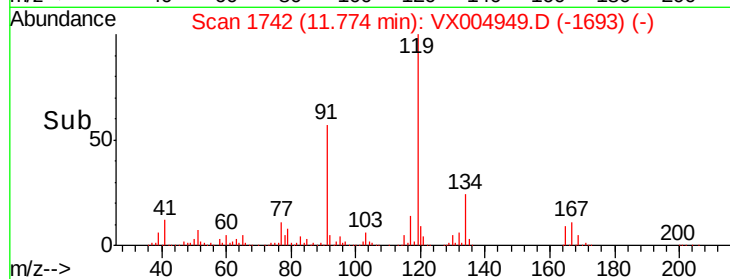
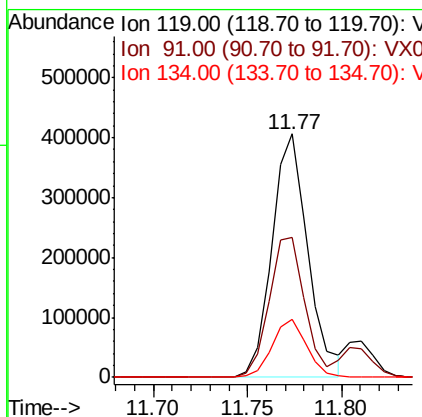
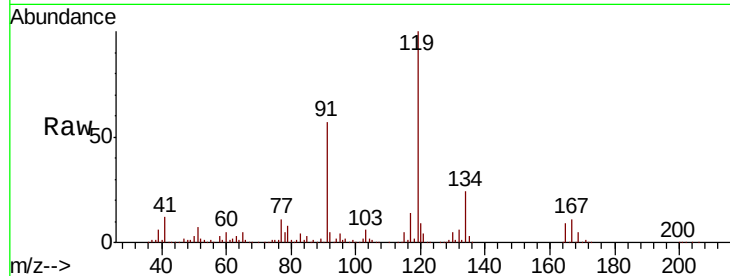
#83
 tert-Butylbenzene
 Concen: 51.724 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	535252		
91	57.1		27.5	82.5
134	23.1		11.5	34.4

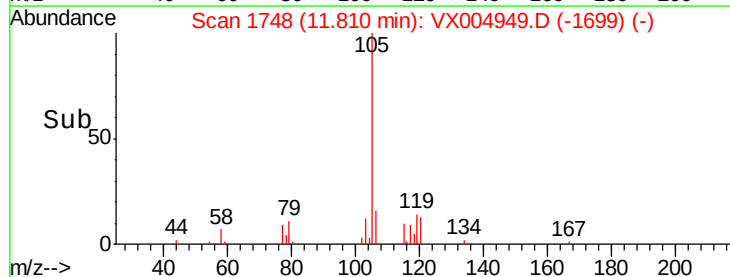
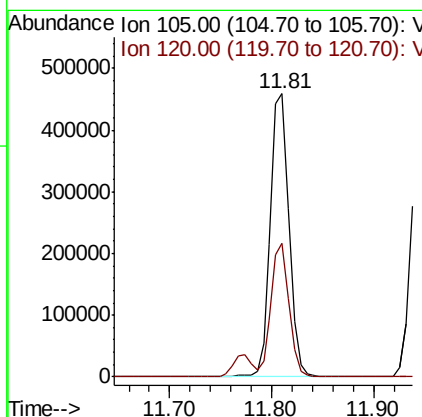
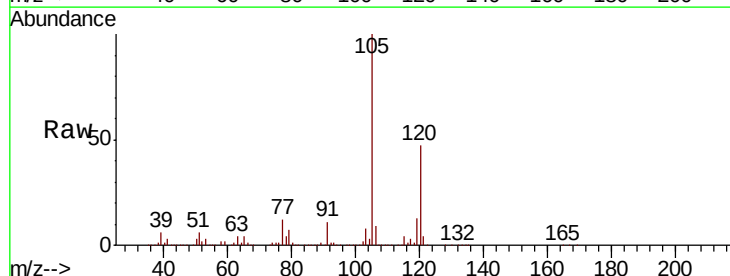
Manual Integrations
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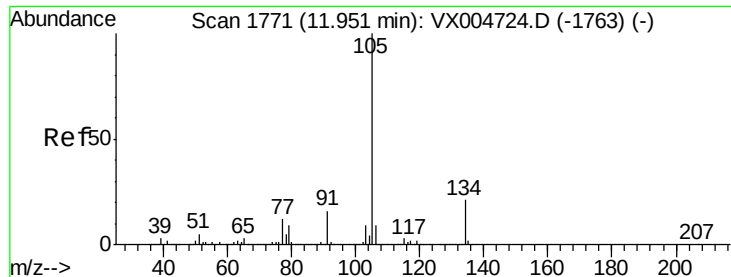
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.718 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	578825		
120	45.2		22.8	68.3





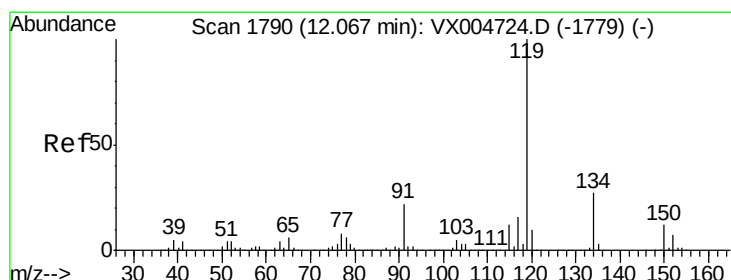
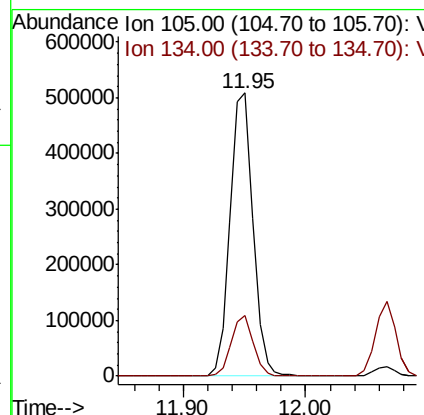
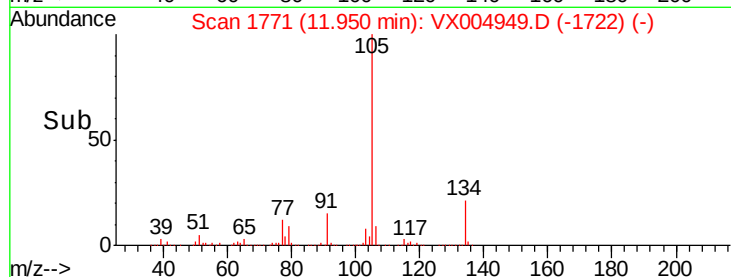
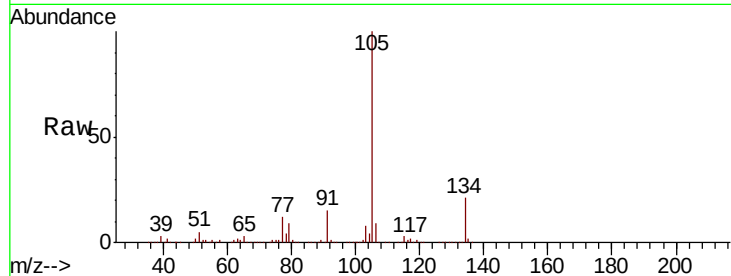
#85
 sec-Butylbenzene
 Concen: 52.111 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.2	30.4

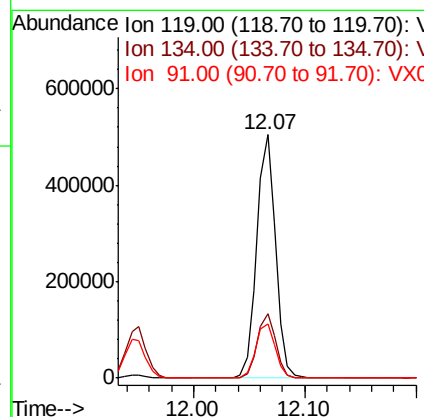
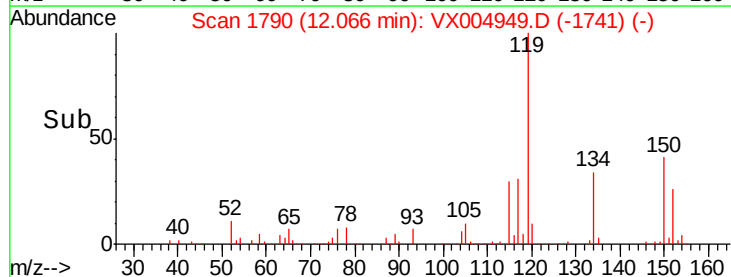
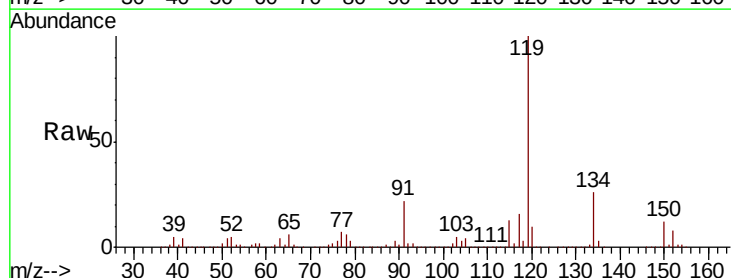
Manual Integrations
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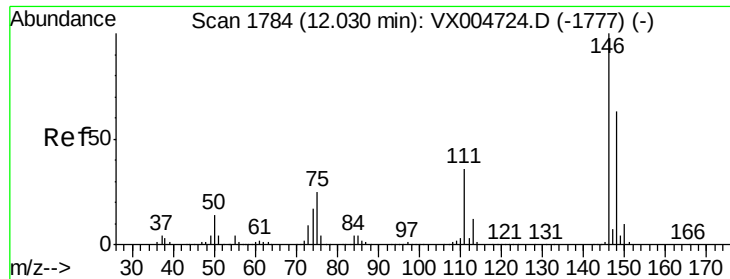
sam
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#86
 p-Isopropyltoluene
 Concen: 51.946 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.4	40.1
91	22.9	11.5	34.4





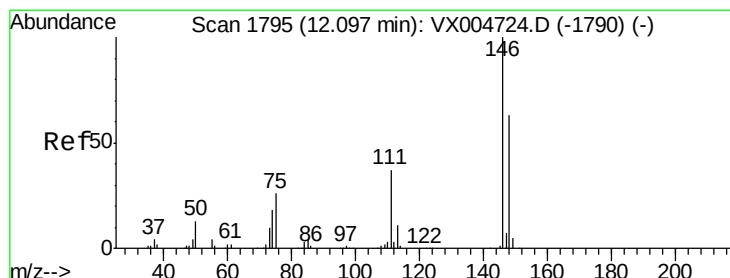
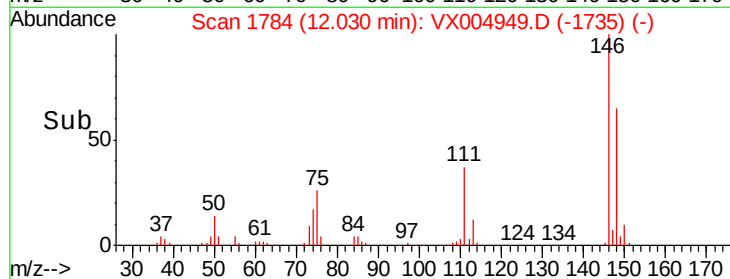
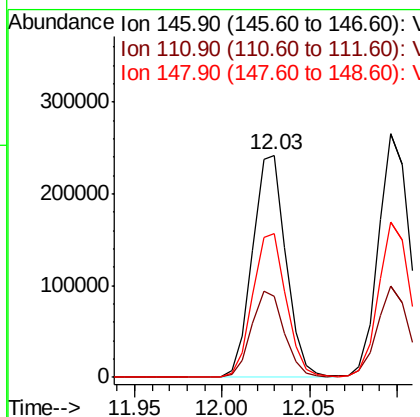
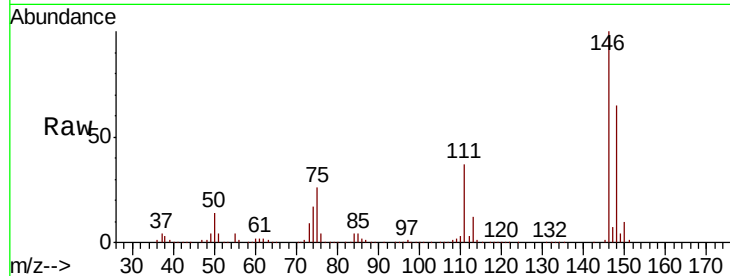
#87
 1,3-Dichlorobenzene
 Concen: 47.473 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	64.9	31.8	95.3

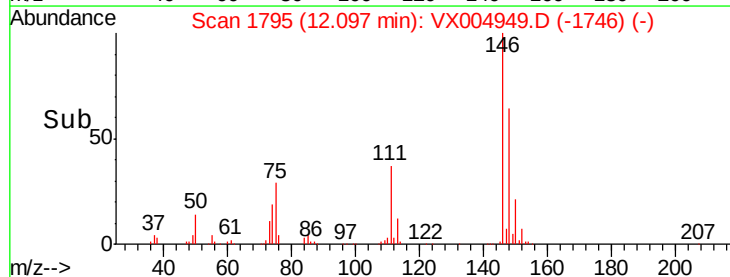
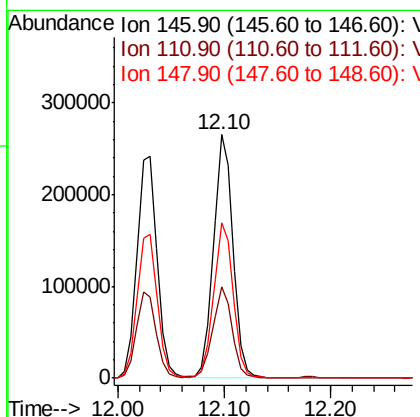
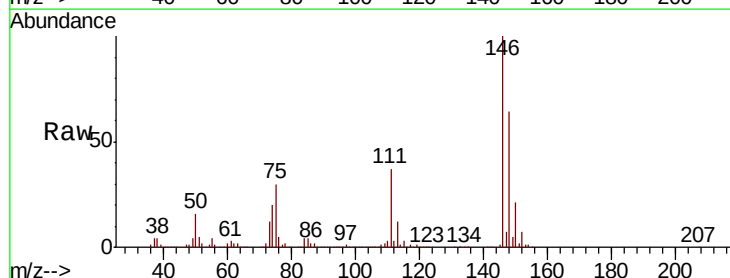
Manual Integrations
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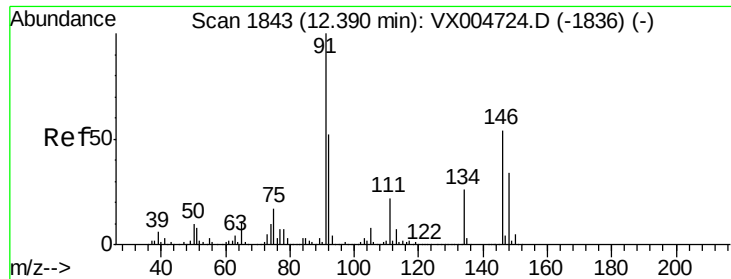
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#88
 1,4-Dichlorobenzene
 Concen: 47.071 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.2
148	64.3	32.0	96.0





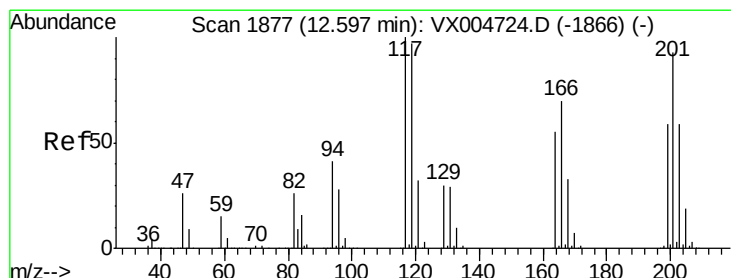
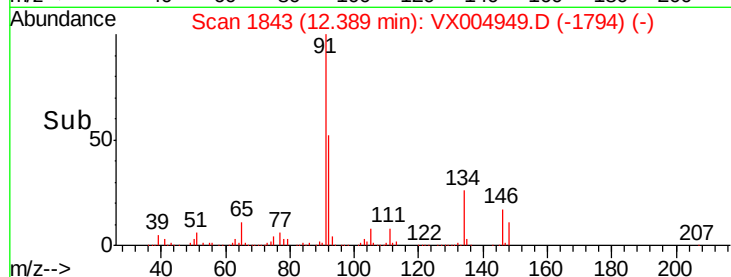
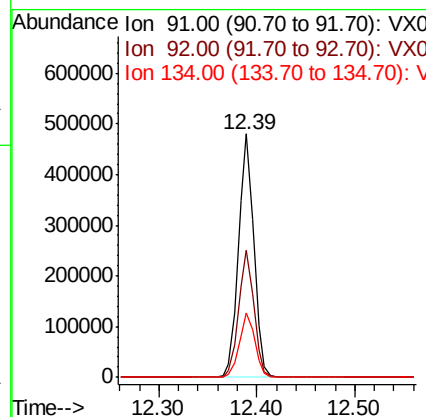
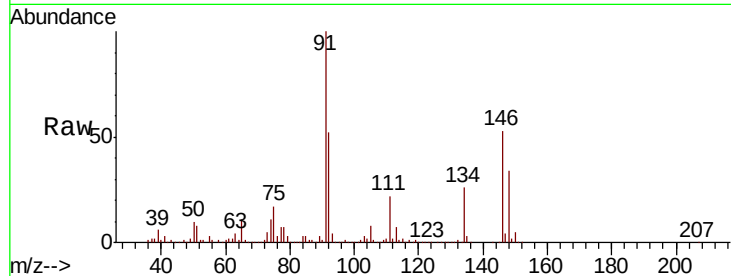
#89
n-Butylbenzene
Concen: 50.396 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	26.4	13.2	39.6

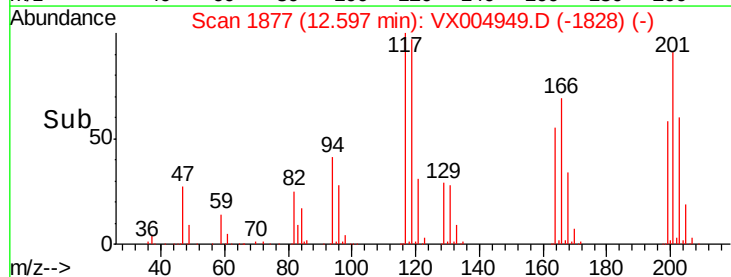
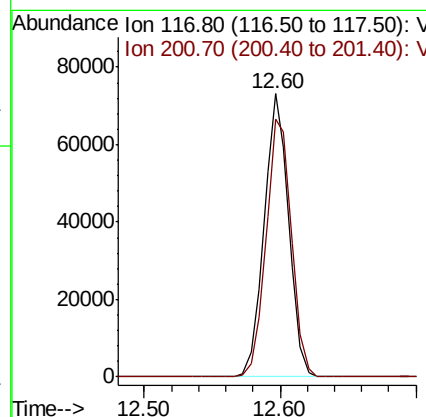
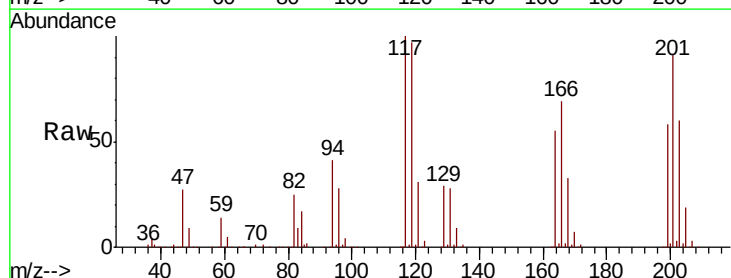
Manual Integrations
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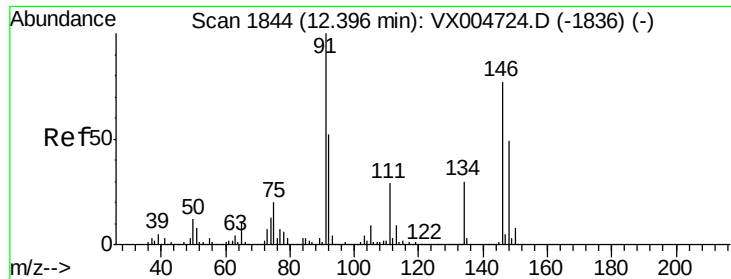
sam
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#90
Hexachloroethane
Concen: 48.702 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.3	48.4	145.0





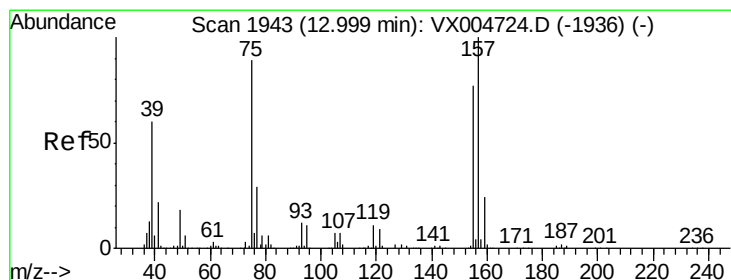
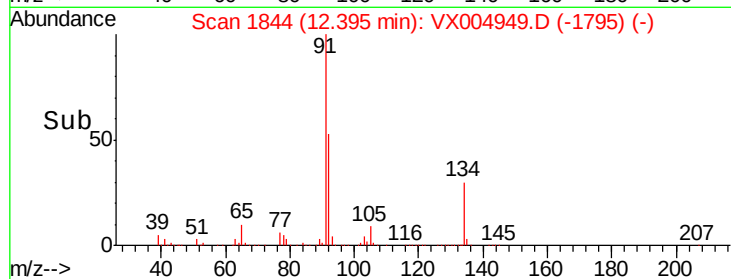
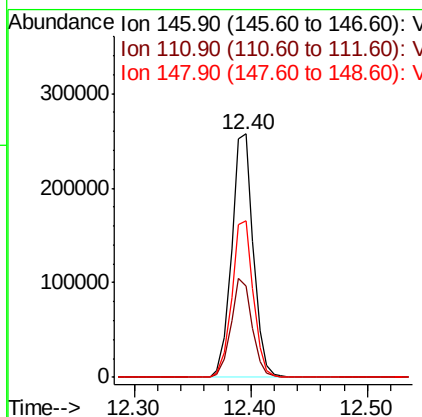
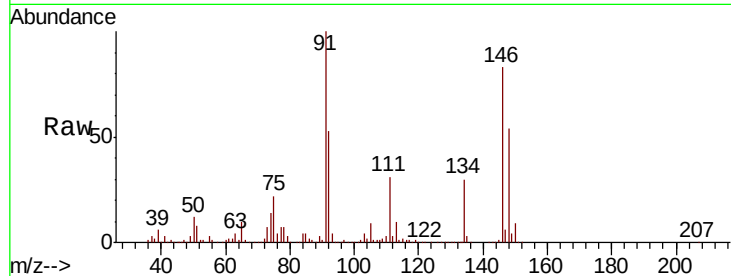
#91
 1,2-Dichlorobenzene
 Concen: 46.570 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	64.1	31.8	95.4

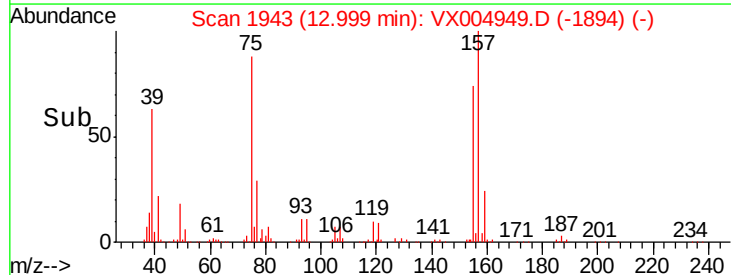
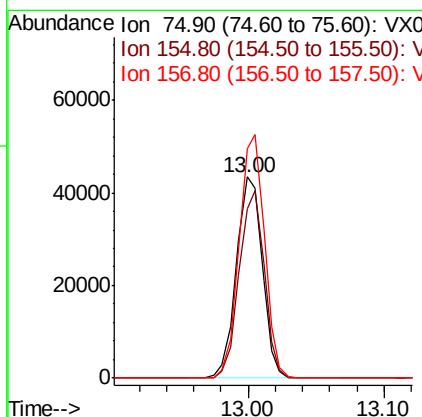
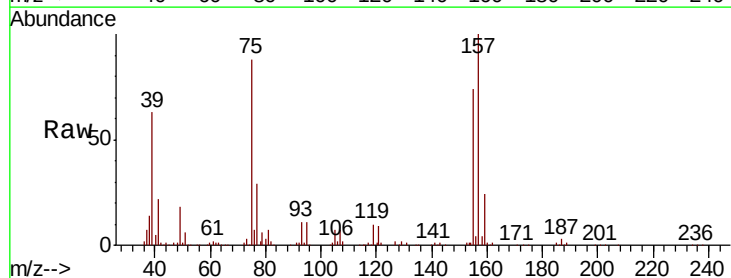
Manual Integrations
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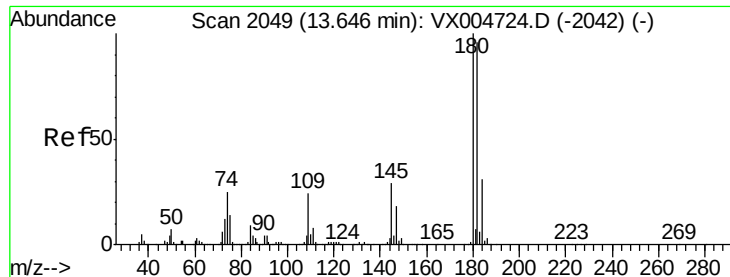
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.317 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	46.1	138.3
157	118.0	60.2	180.6





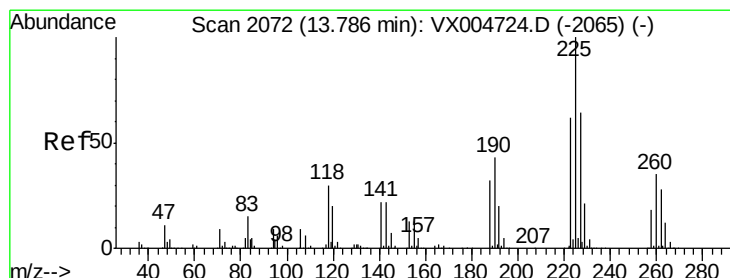
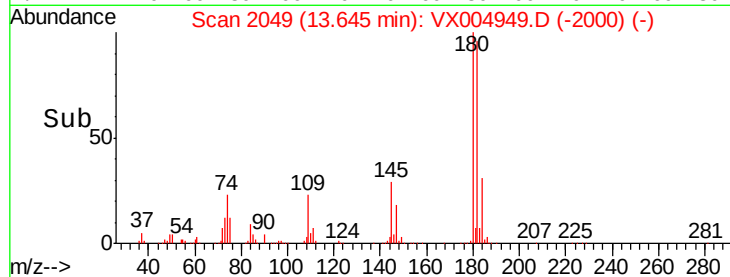
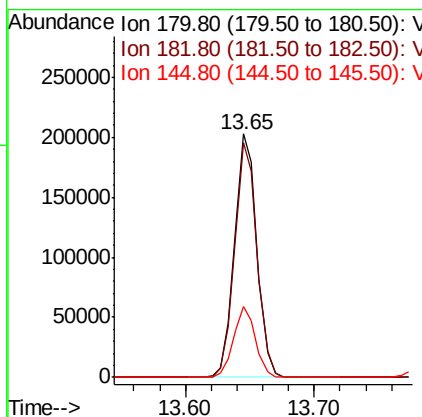
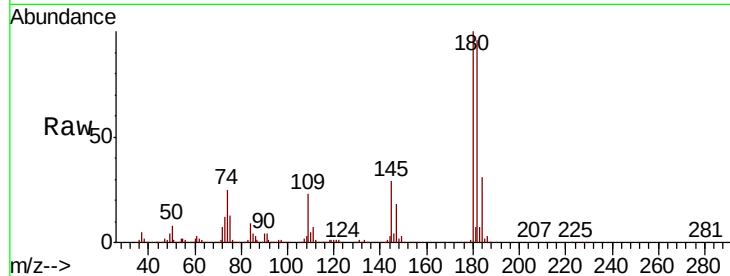
#93
 1,2,4-Trichlorobenzene
 Concen: 49.024 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	244988		
182	96.2	47.8	143.4	
145	28.4	14.1	42.4	

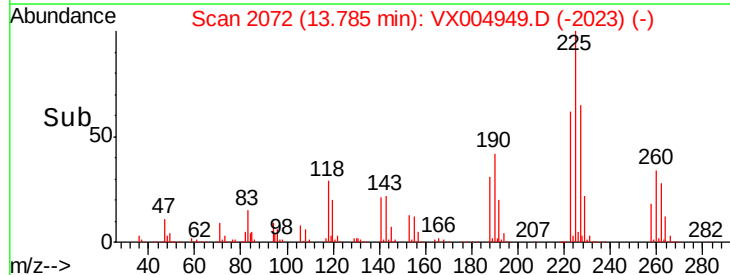
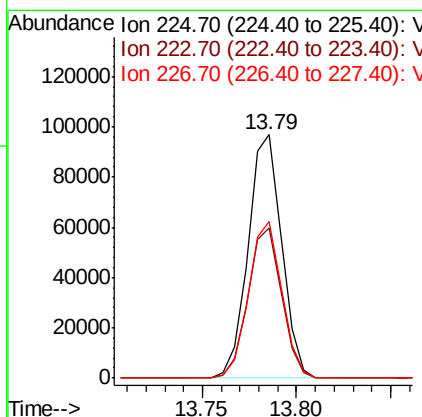
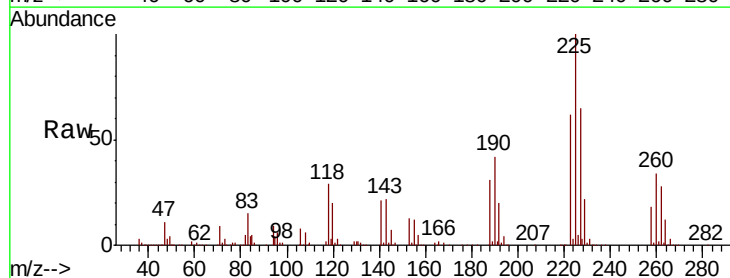
Manual Integrations
 APPROVED

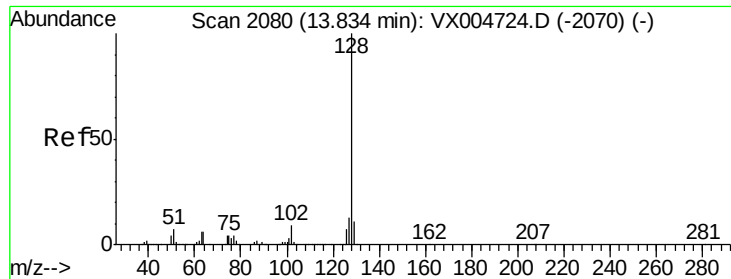
sam
 10/3/2018 5:56:46 PM



#94
 Hexachlorobutadiene
 Concen: 46.093 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004949.D
 Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	119445		
223	62.2	31.3	93.8	
227	63.8	31.9	95.5	





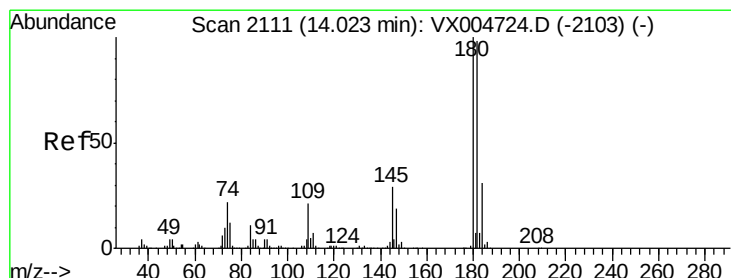
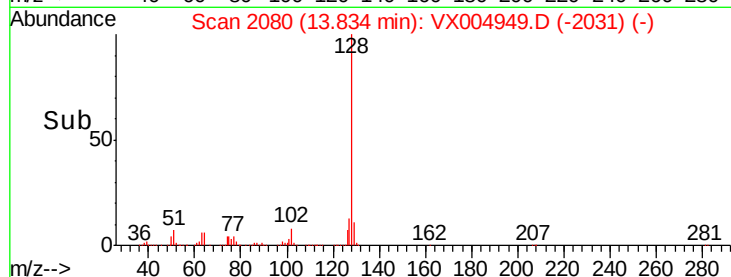
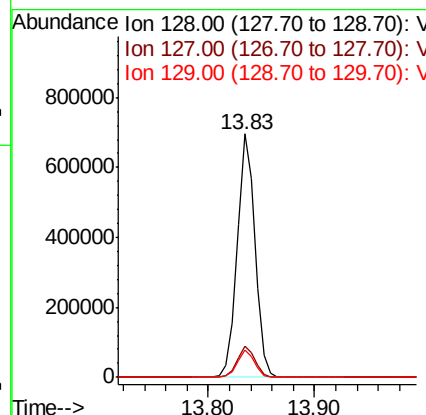
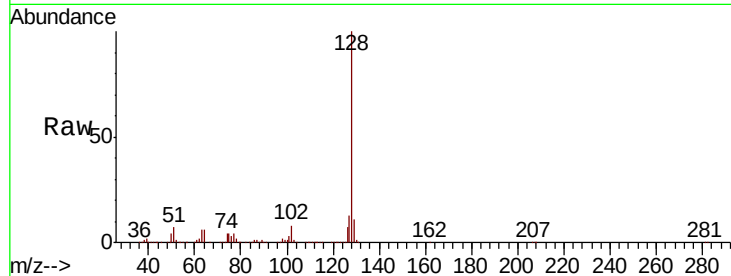
#95
Naphthalene
Concen: 49.173 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

sam
10/3/2018 5:56:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.197 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004949.D
Acq: 03 Oct 2018 05:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.8
145	29.6	15.0	45.0

