

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX053019\
 Data File : VX009951.D
 Acq On : 30 May 2019 11:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/31/2019 9:23:42 AM

Quant Time: May 31 06:00:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	172891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	267746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122420	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	111344	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
35) Dibromofluoromethane	5.49	113	80753	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
50) Toluene-d8	8.71	98	331358	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.13	95	120315	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	112775	53.380	ug/l	99
3) Chloromethane	1.32	50	133476	46.995	ug/l	99
4) Vinyl Chloride	1.41	62	122584	47.877	ug/l	98
5) Bromomethane	1.64	94	63049	40.643	ug/l	98
6) Chloroethane	1.71	64	70297	44.601	ug/l	99
7) Trichlorofluoromethane	1.93	101	133821	47.297	ug/l	100
8) Diethyl Ether	2.19	74	58427	43.944	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78888	46.182	ug/l	98
10) Methyl Iodide	2.51	142	97413	46.421	ug/l	99
11) Tert butyl alcohol	3.05	59	130526	217.170	ug/l	100
12) 1,1-Dichloroethene	2.37	96	78428	44.792	ug/l	97
13) Acrolein	2.29	56	83389	200.314	ug/l	99
14) Allyl chloride	2.73	41	203058	47.715	ug/l	99
15) Acrylonitrile	3.14	53	329429	227.479	ug/l	100
16) Acetone	2.45	43	346243	245.377	ug/l	99
17) Carbon Disulfide	2.57	76	246449	46.511	ug/l	100
18) Methyl Acetate	2.78	43	150202	45.747	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	308968	46.740	ug/l	99
20) Methylene Chloride	2.85	84	97733	45.229	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	87105	44.711	ug/l	99
22) Diisopropyl ether	3.85	45	390222	48.193	ug/l	90
23) Vinyl Acetate	3.81	43	1742157	239.503	ug/l	100
24) 1,1-Dichloroethane	3.70	63	183584	46.785	ug/l	100
25) 2-Butanone	4.67	43	525542	239.054	ug/l	99
26) 2,2-Dichloropropane	4.58	77	135946	45.799	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	100353	44.624	ug/l	100
28) Bromochloromethane	5.01	49	94244	46.282	ug/l	99
29) Tetrahydrofuran	5.12	42	327580	232.365	ug/l	99
30) Chloroform	5.21	83	165772	46.843	ug/l	99
31) Cyclohexane	5.58	56	181939	48.954	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	137726	47.787	ug/l	99
36) 1,1-Dichloropropene	5.80	75	128822	47.420	ug/l	99
37) Ethyl Acetate	4.83	43	185693	49.057	ug/l	99
38) Carbon Tetrachloride	5.78	117	115977	49.404	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	167767	52.063	ug/l	98
40) Benzene	6.14	78	395355	49.060	ug/l	100
41) Methacrylonitrile	5.04	41	106192	48.011	ug/l	98
42) 1,2-Dichloroethane	6.19	62	143854	48.285	ug/l	100
43) Isopropyl Acetate	6.44	43	289003	47.318	ug/l	100
44) Trichloroethene	7.21	130	93717	47.877	ug/l	99
45) 1,2-Dichloropropane	7.51	63	113576	48.959	ug/l	99
46) Dibromomethane	7.66	93	63551	46.540	ug/l	100
47) Bromodichloromethane	7.90	83	128111	49.337	ug/l	99
48) Methyl methacrylate	7.77	41	152779	50.531	ug/l	99
49) 1,4-Dioxane	7.74	88	53407	949.629	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	939777	236.535	ug/l	100
52) Toluene	8.78	92	238877	48.821	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	150430	48.305	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	164781	48.564	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95454	48.470	ug/l	98
56) Ethyl methacrylate	9.18	69	173007	49.346	ug/l	99
57) 1,3-Dichloropropane	9.37	76	166375	47.042	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	455354	247.680	ug/l	99
59) 2-Hexanone	9.49	43	737789	241.194	ug/l	100
60) Dibromochloromethane	9.58	129	96159	49.638	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97655	48.268	ug/l	99
64) Tetrachloroethene	9.34	164	88352	52.047	ug/l	97
65) Chlorobenzene	10.13	112	248570	48.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89325	50.619	ug/l	99
67) Ethyl Benzene	10.25	91	461510	50.520	ug/l	99
68) m/p-Xylenes	10.36	106	341113	101.074	ug/l	99
69) o-Xylene	10.69	106	163091	50.389	ug/l	100
70) Styrene	10.71	104	287384	50.636	ug/l	99
71) Bromoform	10.85	173	75152	52.100	ug/l	98
73) Isopropylbenzene	11.02	105	440226	48.738	ug/l	99
74) N-amyl acetate	10.90	43	253701	47.005	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	154578	45.872	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	137542m	46.984	ug/l	
77) Bromobenzene	11.26	156	110048	47.808	ug/l	96
78) n-propylbenzene	11.36	91	520618	50.005	ug/l	100
79) 2-Chlorotoluene	11.42	91	304691	47.900	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	375719	49.375	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54134	45.752	ug/l	98
82) 4-Chlorotoluene	11.51	91	354156	47.827	ug/l	99
83) tert-Butylbenzene	11.77	119	358526	49.248	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380811	49.278	ug/l	99
85) sec-Butylbenzene	11.94	105	435419	50.274	ug/l	100
86) p-Isopropyltoluene	12.06	119	402365	51.650	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	194746	47.521	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	197498	47.255	ug/l	99
89) n-Butylbenzene	12.38	91	375344	51.269	ug/l	100
90) Hexachloroethane	12.60	117	67428	50.436	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	194392	48.112	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35304	44.509	ug/l	97

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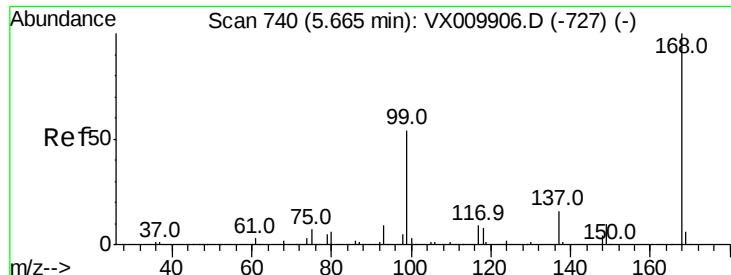
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141525	49.015	ug/l	99
94) Hexachlorobutadiene	13.78	225	74173	51.216	ug/l	99
95) Naphthalene	13.83	128	430951	47.962	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141337	48.902	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 172891

Ion Ratio Lower Upper

168 100

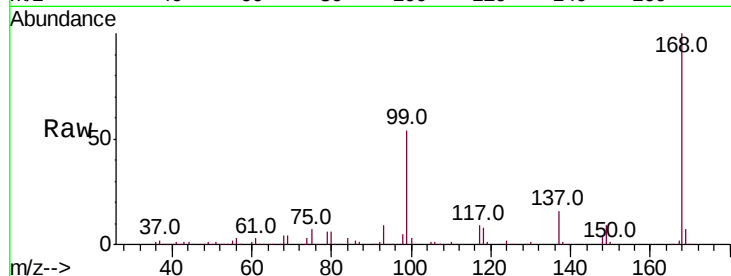
99 53.6 43.0 64.6

Manual Integrations

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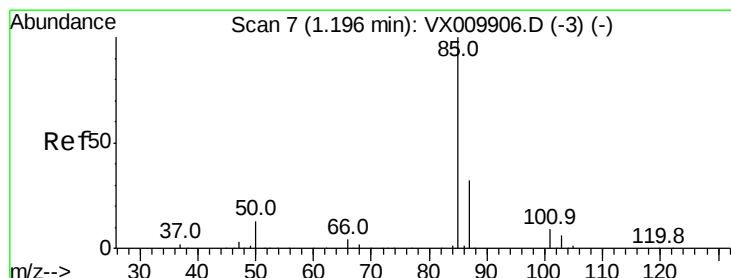
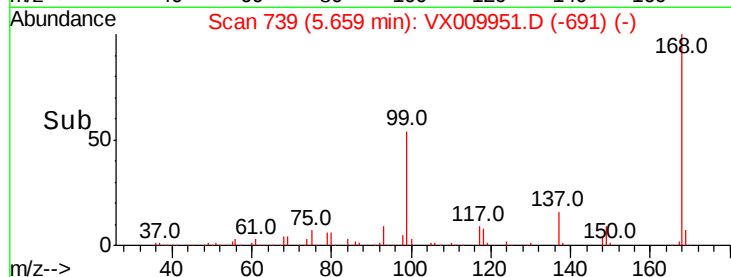
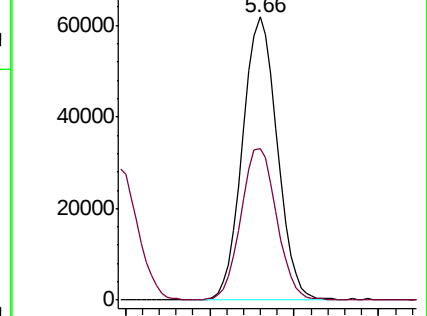
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.380 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009951.D

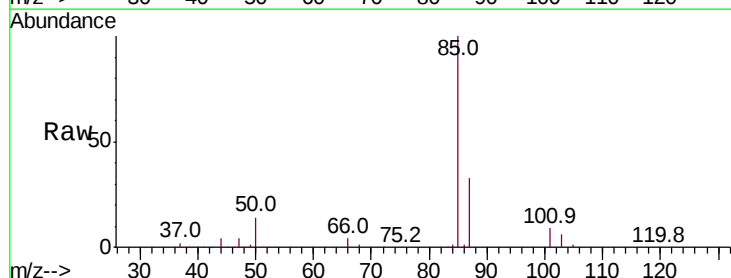
Acq: 30 May 2019 11:06

Tgt Ion: 85 Resp: 112775

Ion Ratio Lower Upper

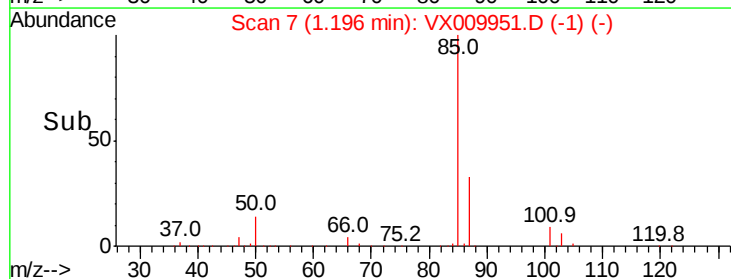
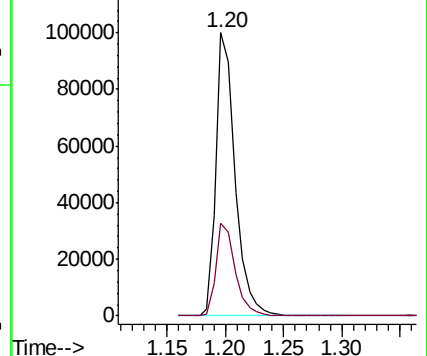
85 100

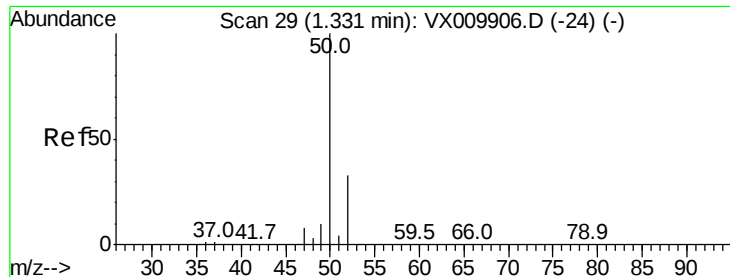
87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.995 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 133476

Ion Ratio Lower Upper

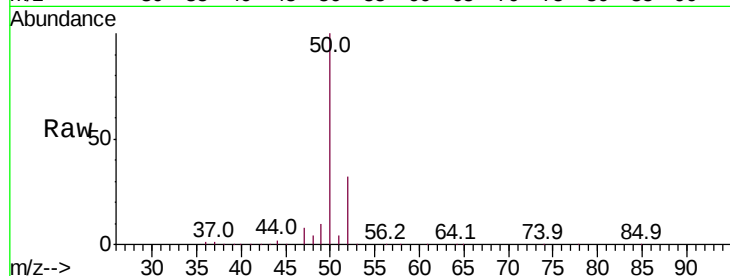
50 100

52 32.2 26.0 39.0

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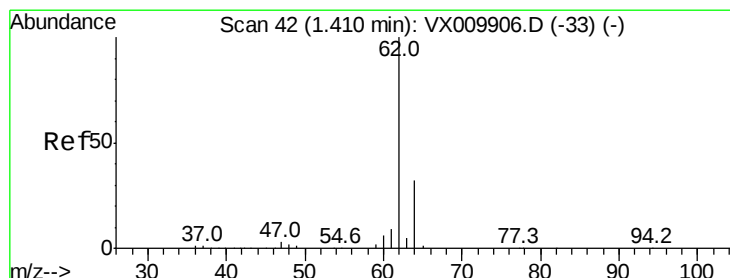
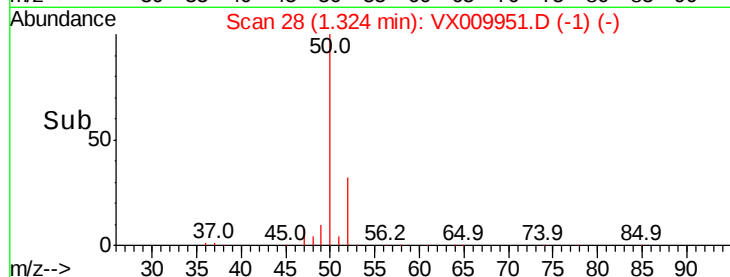
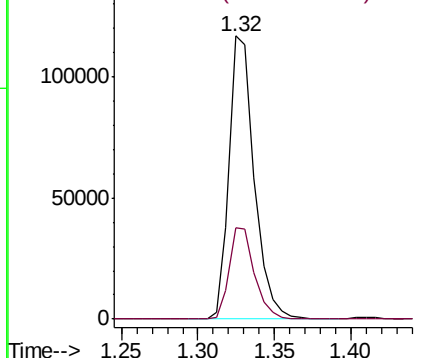
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.877 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009951.D

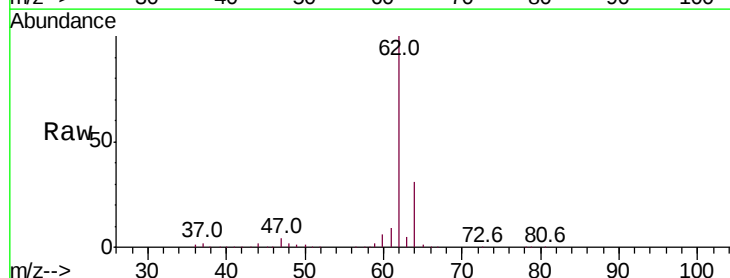
Acq: 30 May 2019 11:06

Tgt Ion: 62 Resp: 122584

Ion Ratio Lower Upper

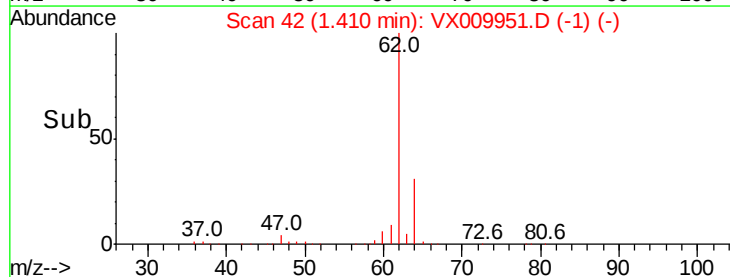
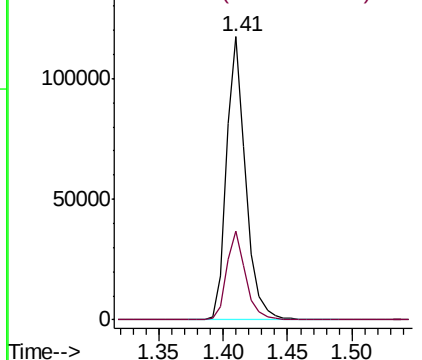
62 100

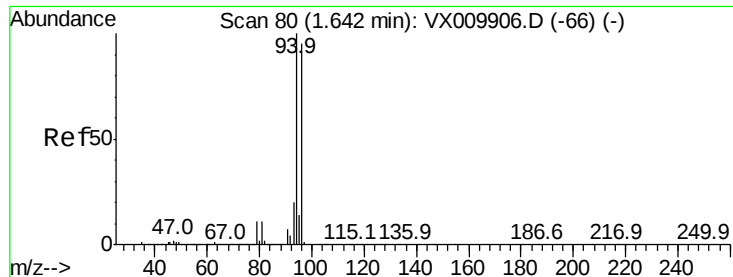
64 31.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.643 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 63049

Ion Ratio Lower Upper

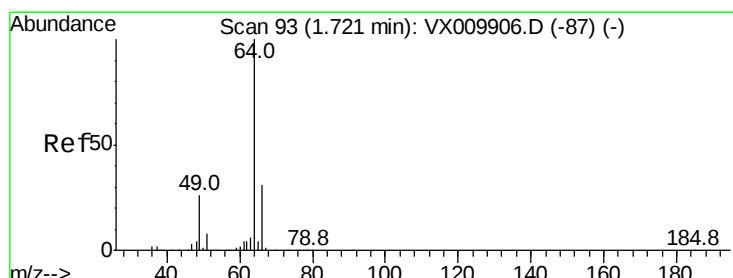
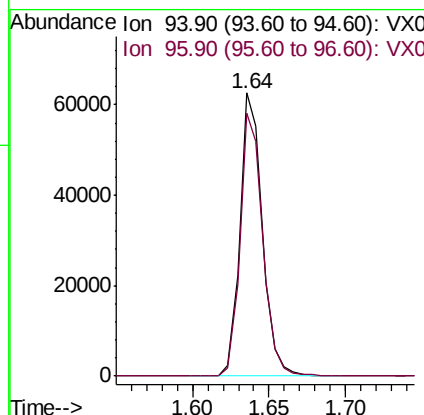
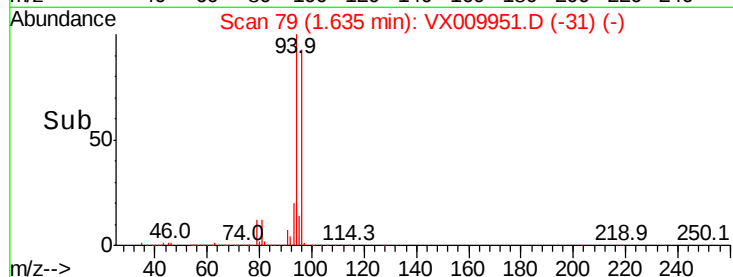
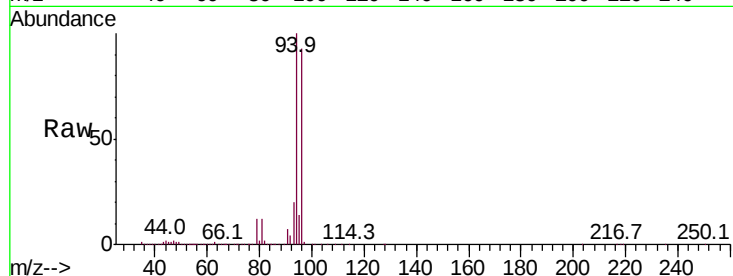
94 100

96 93.0 76.2 114.4

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#6

Chloroethane

Concen: 44.601 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009951.D

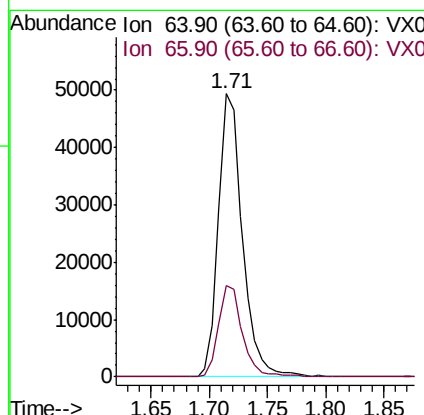
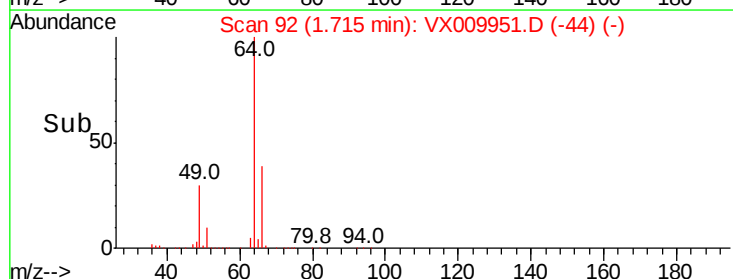
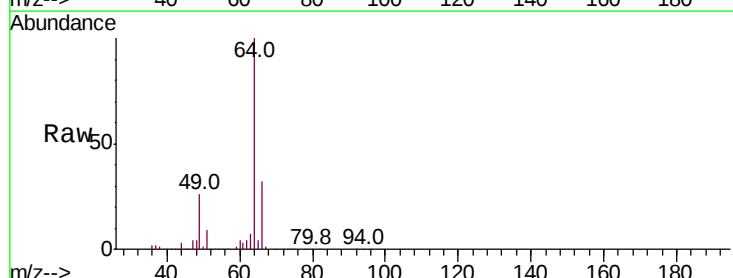
Acq: 30 May 2019 11:06

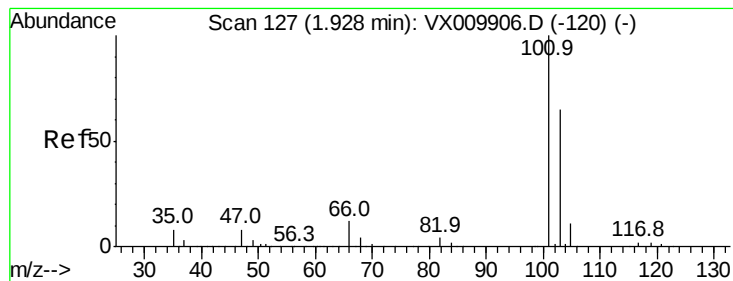
Tgt Ion: 64 Resp: 70297

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7





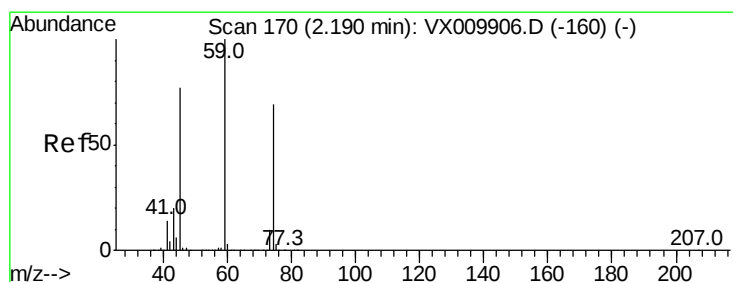
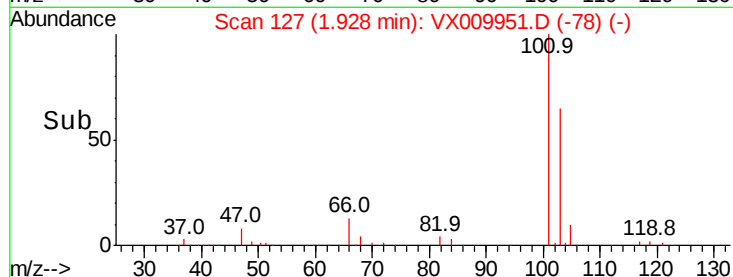
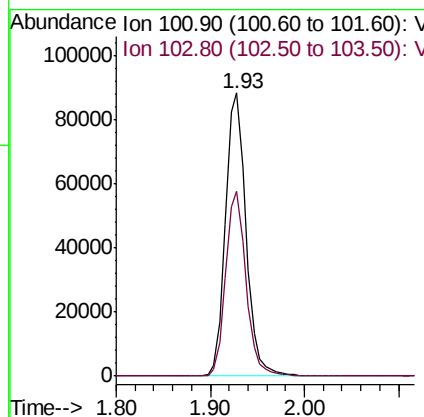
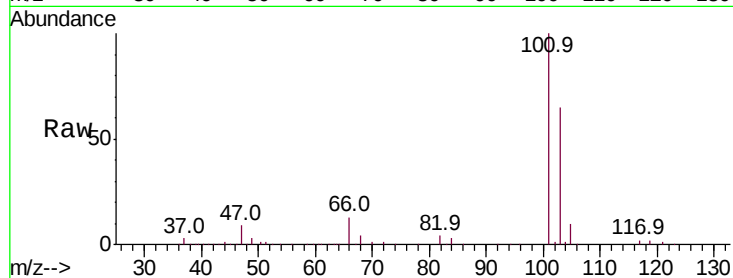
#7
 Trichlorofluoromethane
 Concen: 47.297 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 133821
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.4

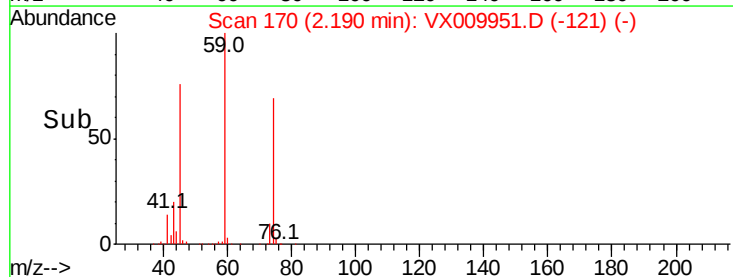
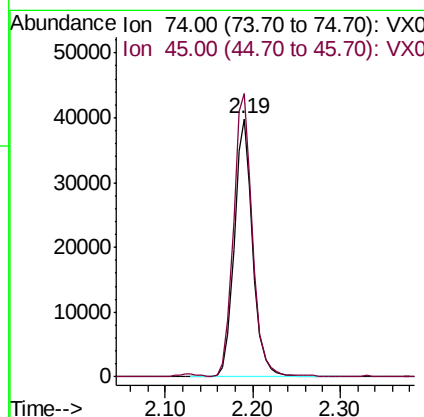
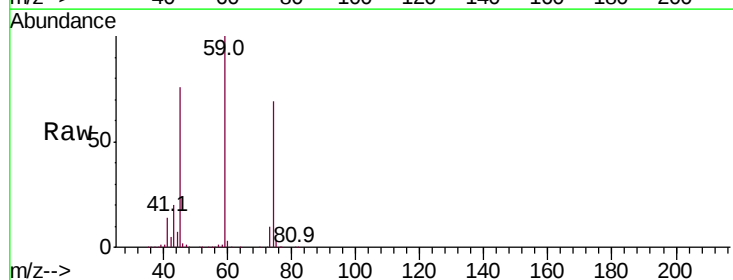
Manual Integrations
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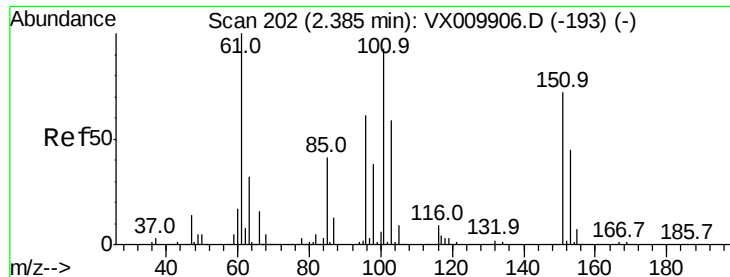
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 5/31/2019 9:23:42 AM



#8
 Diethyl Ether
 Concen: 43.944 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Tgt Ion: 74 Resp: 58427
 Ion Ratio Lower Upper
 74 100
 45 111.8 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.182 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

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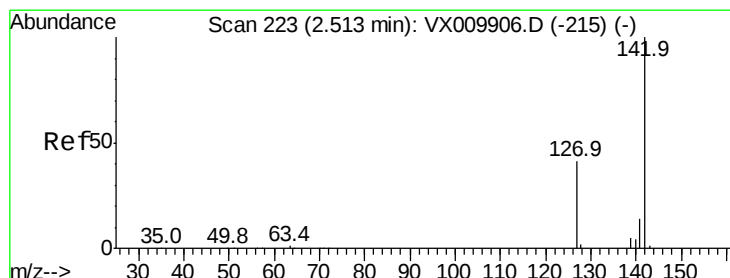
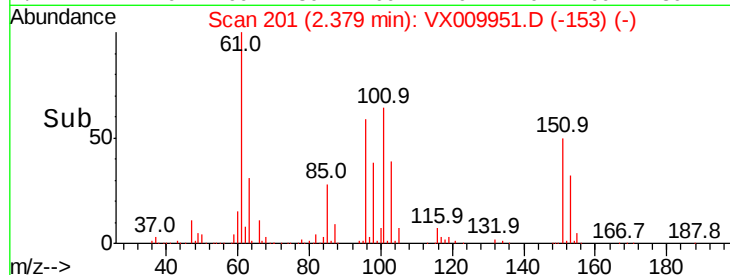
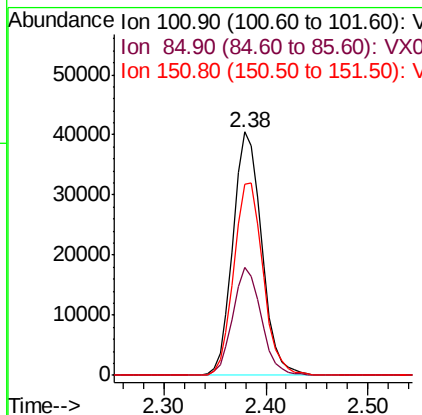
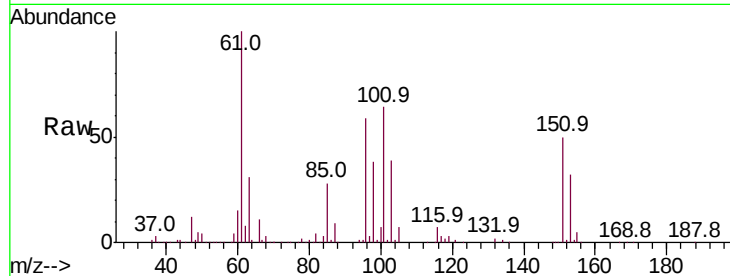
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	78888
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.2	52.8
151	80.7	61.9	92.9

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#10

Methyl Iodide

Concen: 46.421 ug/l

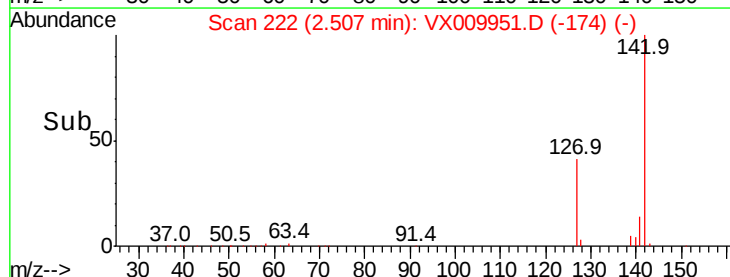
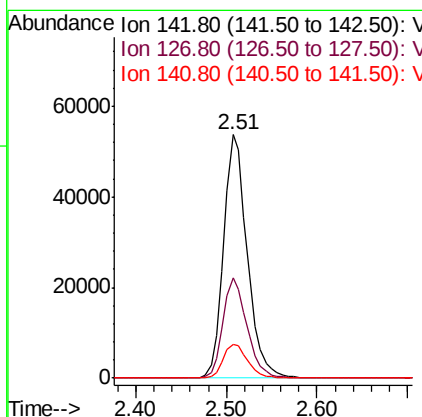
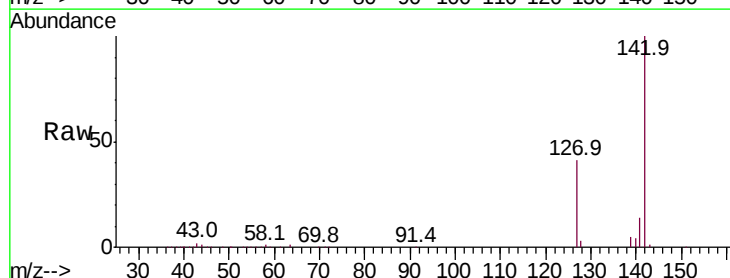
RT: 2.51 min Scan# 222

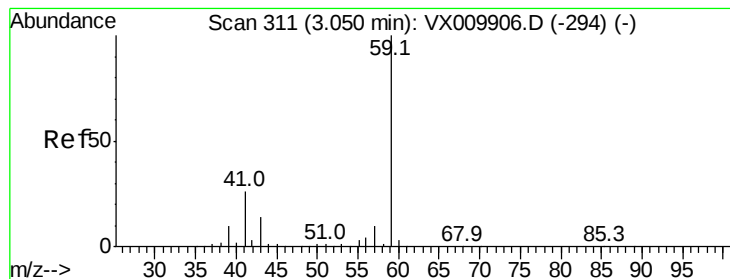
Delta R.T. -0.01 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Tgt Ion:	142	Resp:	97413
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.0	49.4
141	14.6	11.4	17.0





#11

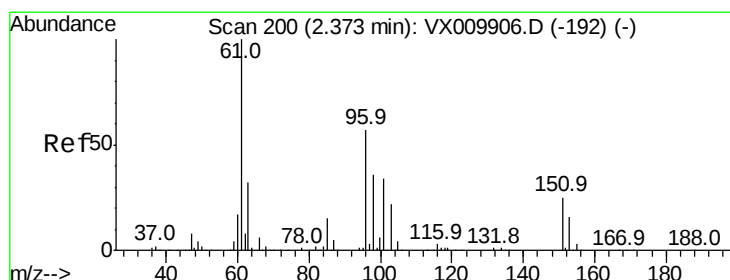
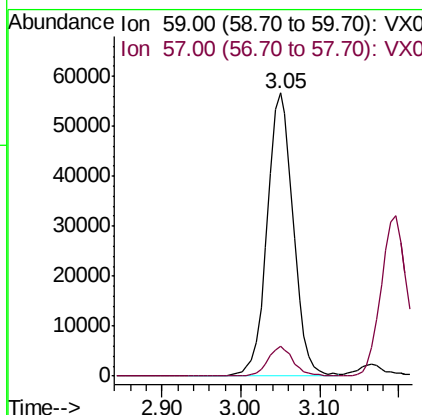
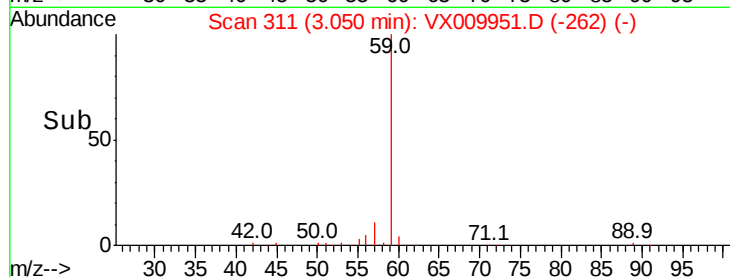
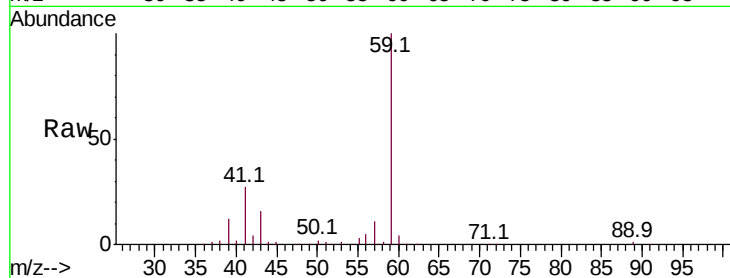
Tert butyl alcohol
Concen: 217.170 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

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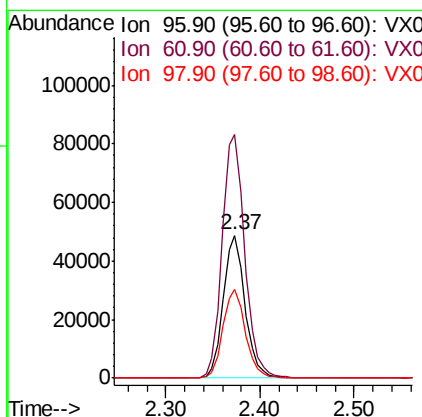
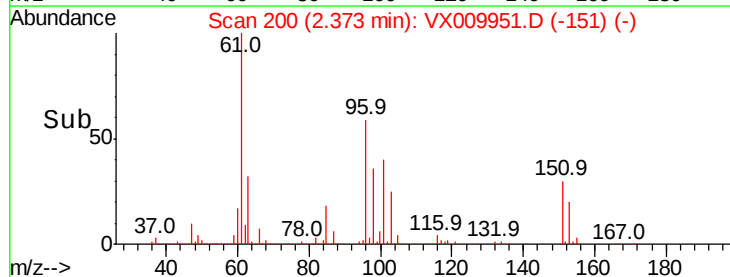
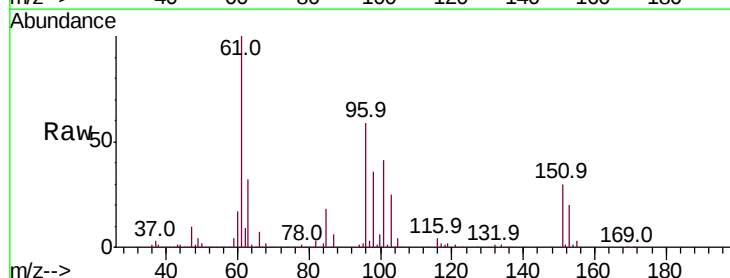
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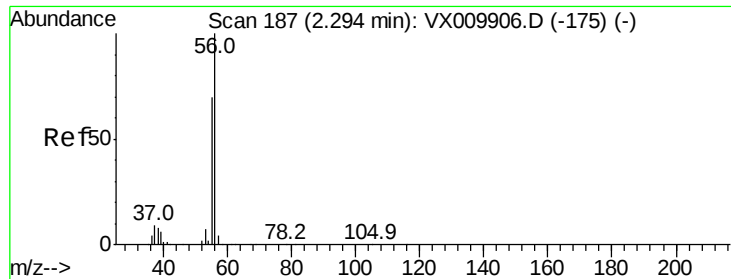


#12

1,1-Dichloroethene
Concen: 44.792 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.8	140.7	211.1
98	62.1	50.1	75.1





#13

Acrolein

Concen: 200.314 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 83389

Ion Ratio Lower Upper

56 100

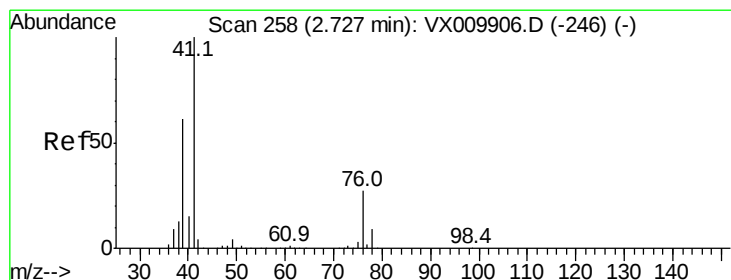
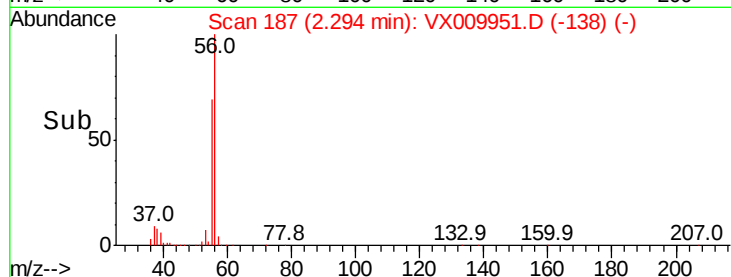
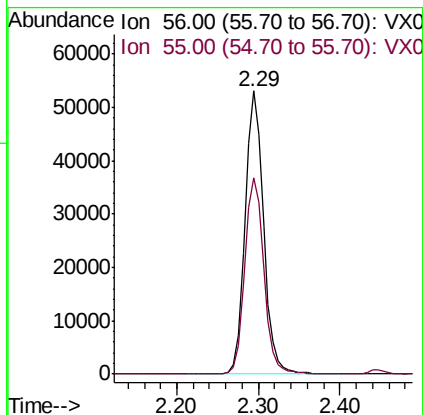
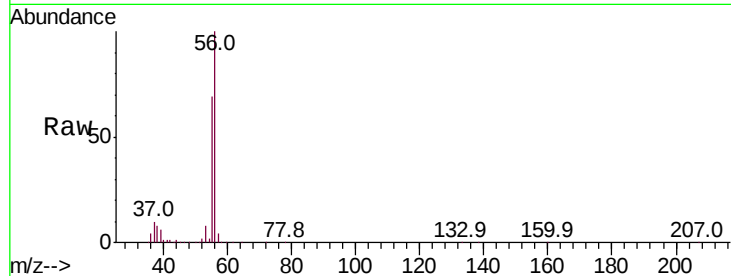
55 71.9 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 47.715 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

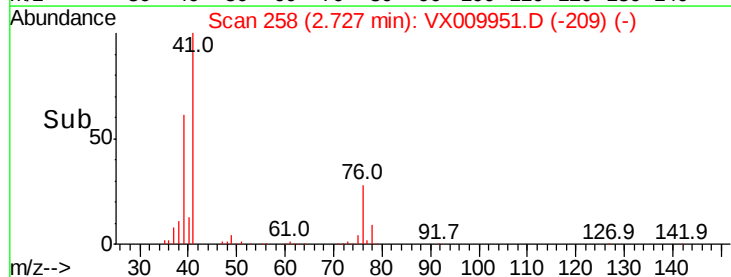
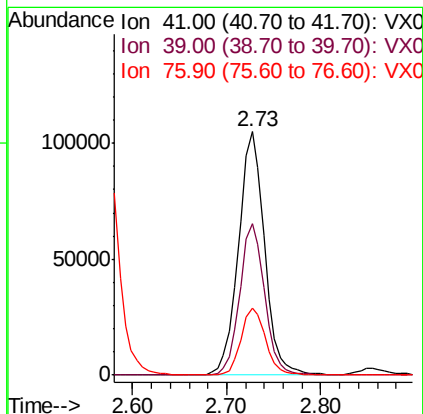
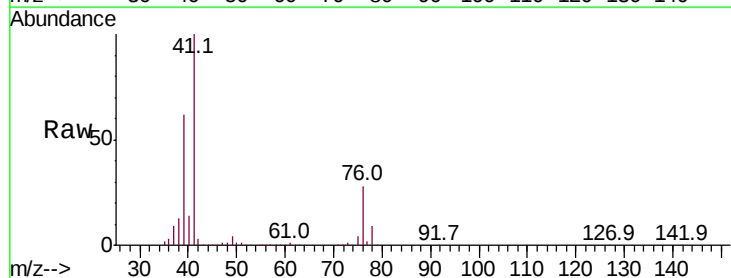
Tgt Ion: 41 Resp: 203058

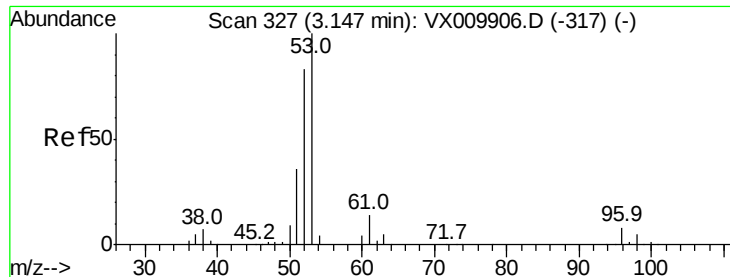
Ion Ratio Lower Upper

41 100

39 59.6 46.7 70.1

76 26.1 21.0 31.4





#15

Acrylonitrile

Concen: 227.479 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

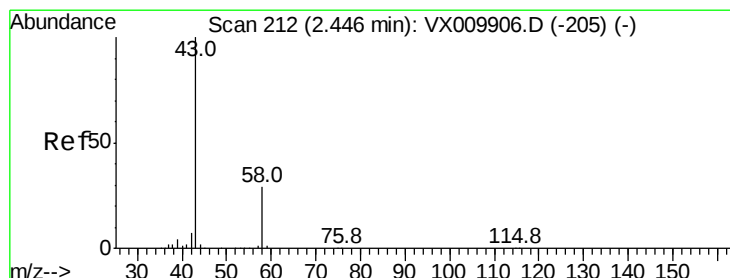
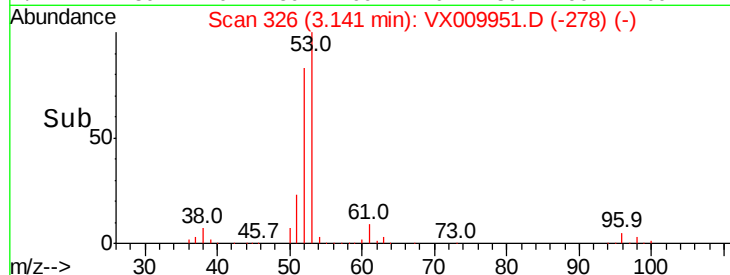
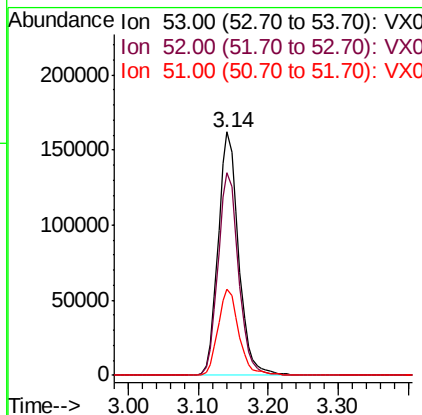
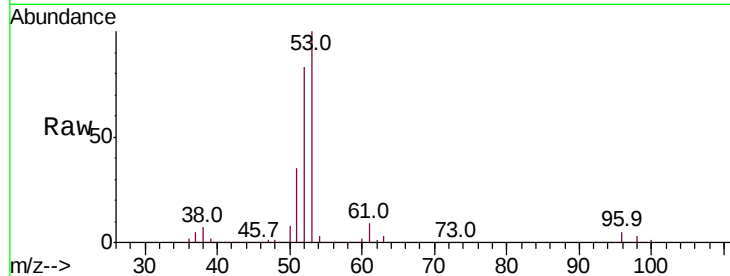
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	329429
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.7	100.1
51	36.0	28.8	43.2

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#16

Acetone

Concen: 245.377 ug/l

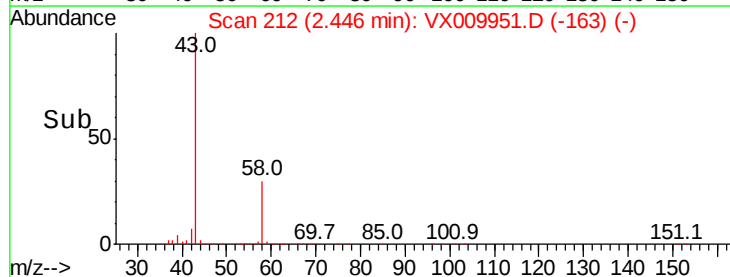
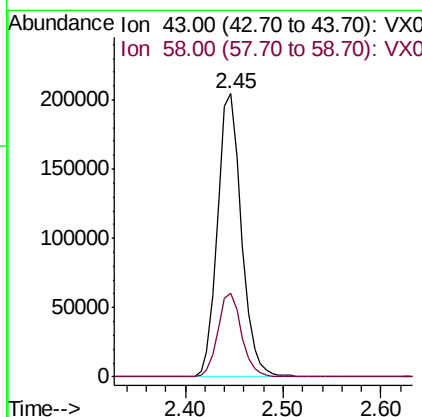
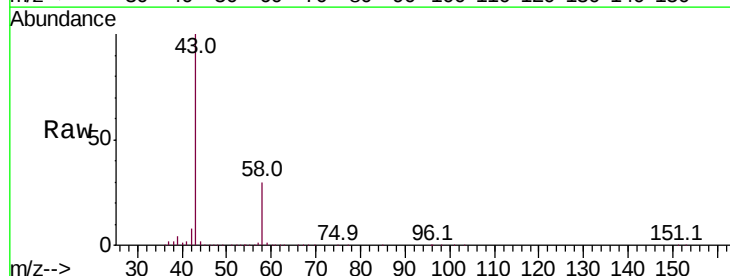
RT: 2.45 min Scan# 212

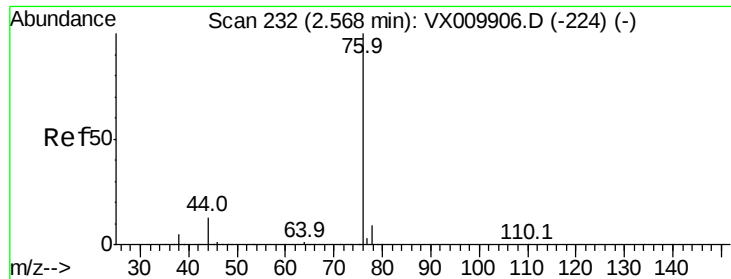
Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Tgt Ion:	43	Resp:	346243
Ion	Ratio	Lower	Upper
43	100		
58	29.5	23.2	34.8





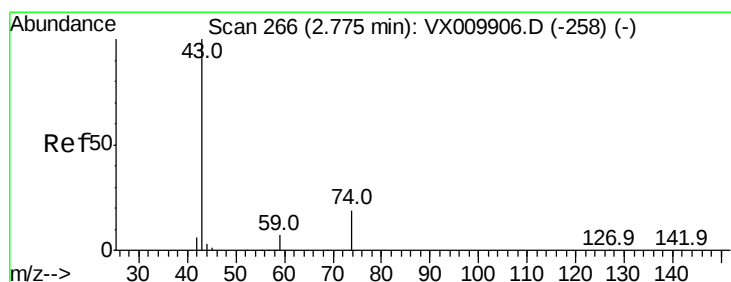
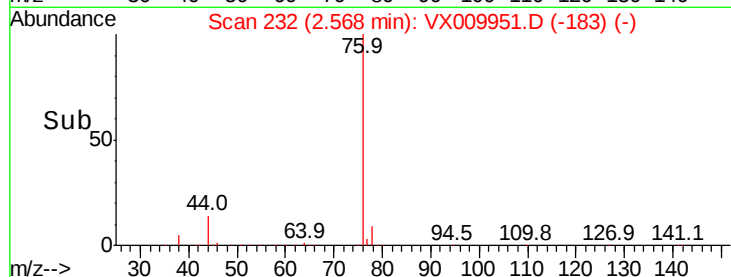
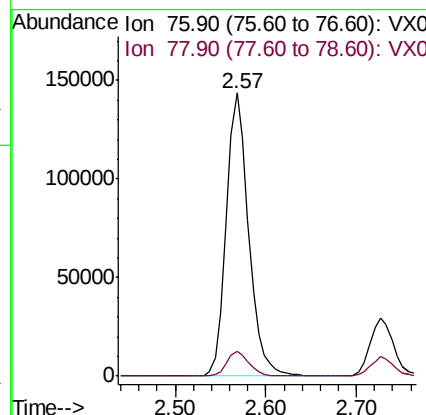
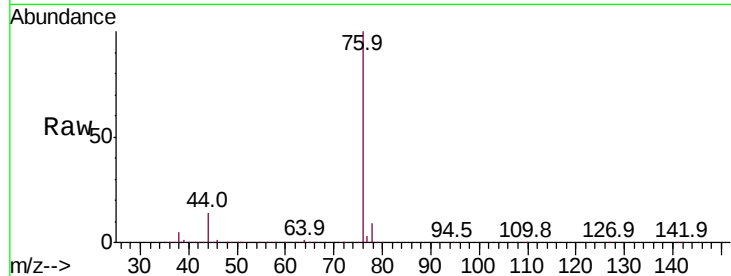
#17
Carbon Disulfide
Concen: 46.511 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

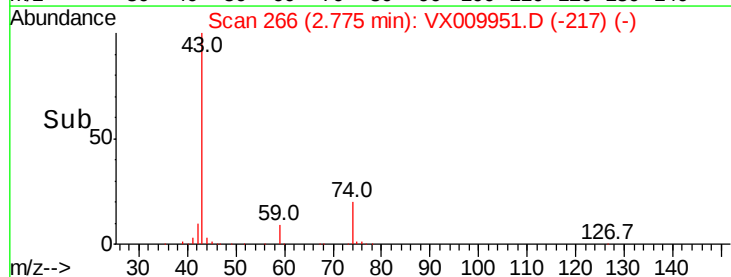
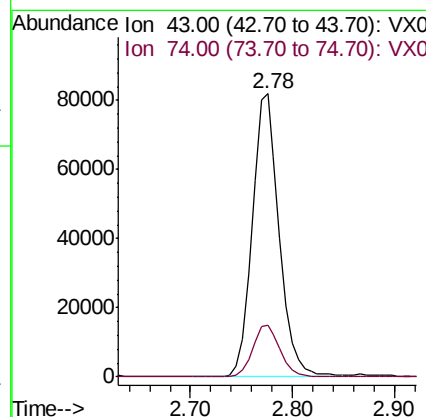
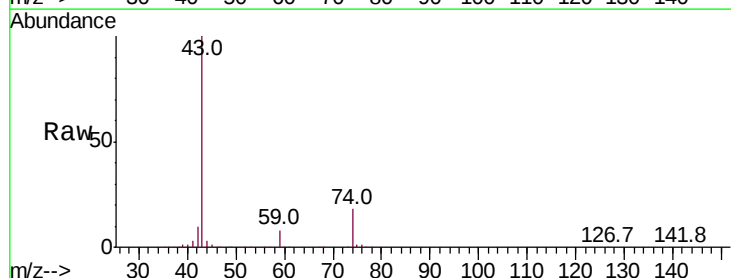
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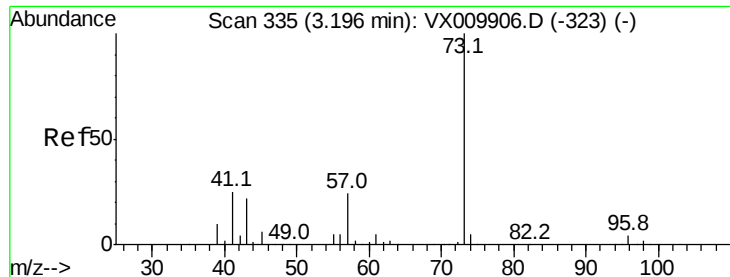
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#18
Methyl Acetate
Concen: 45.747 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.9	15.8	23.6





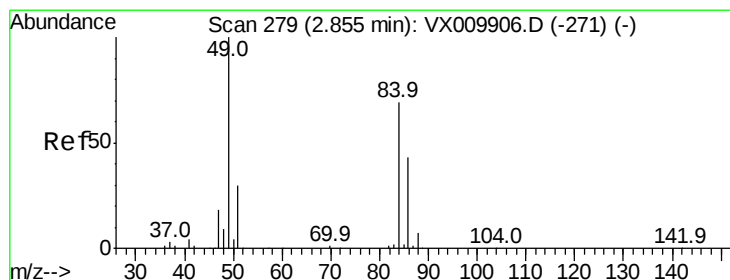
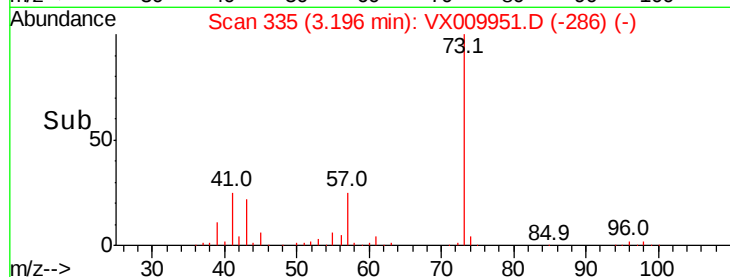
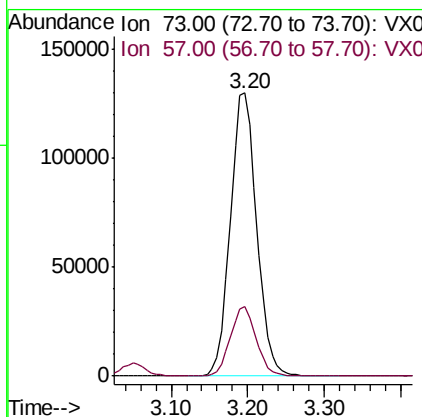
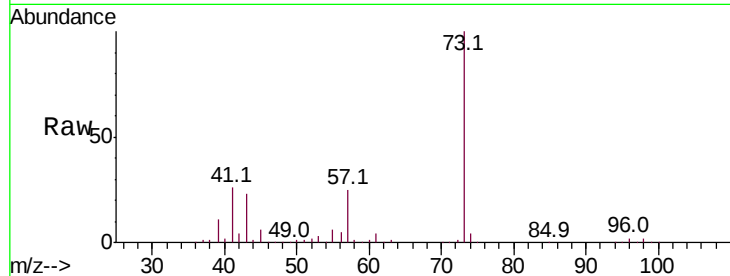
#19
Methyl tert-butyl Ether
Concen: 46.740 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 308968
Ion Ratio Lower Upper
73 100
57 24.7 19.4 29.2

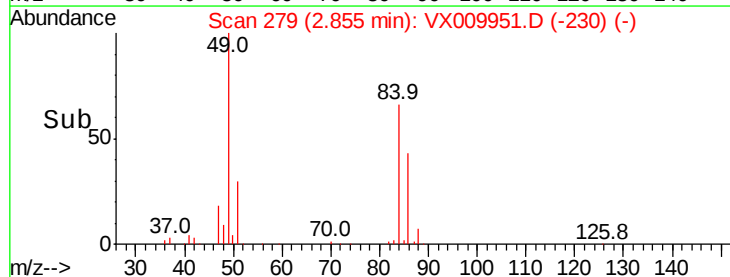
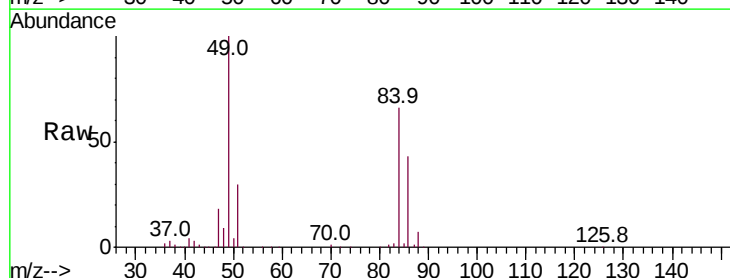
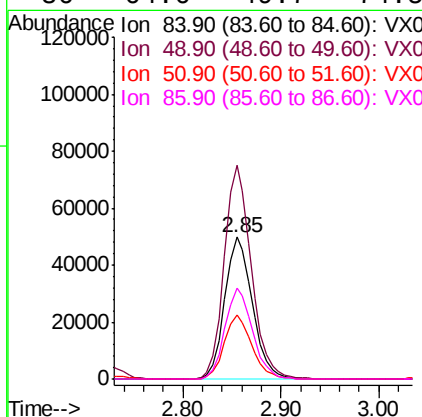
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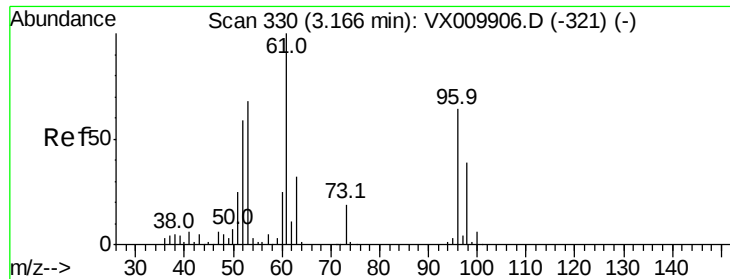
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#20
Methylene Chloride
Concen: 45.229 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion: 84 Resp: 97733
Ion Ratio Lower Upper
84 100
49 150.4 115.8 173.6
51 44.6 34.4 51.6
86 64.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 44.711 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 87105

Ion Ratio Lower Upper

96 100

61 158.0 125.7 188.5

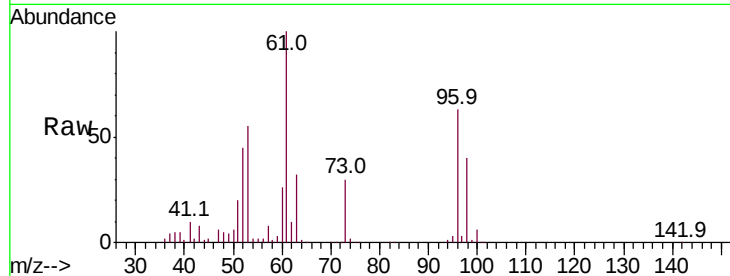
98 63.4 49.0 73.6

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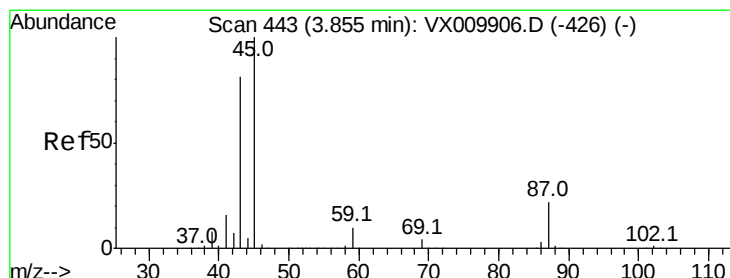
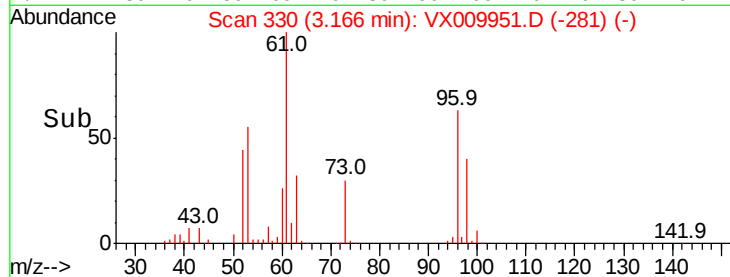
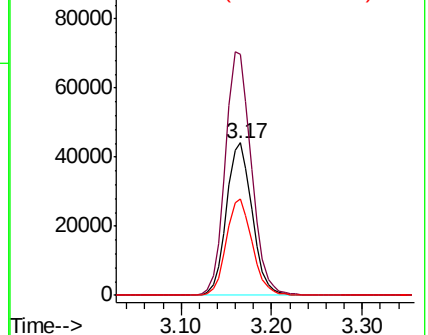
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.193 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Tgt Ion: 45 Resp: 390222

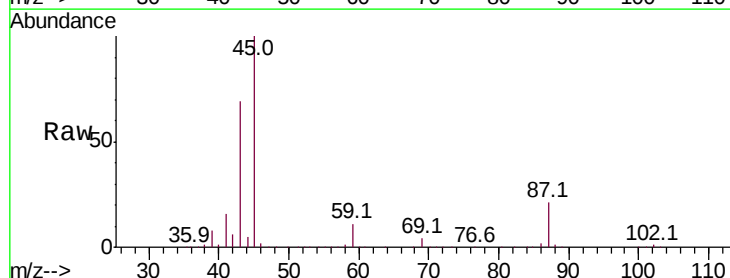
Ion Ratio Lower Upper

45 100

43 68.6 65.0 97.4

87 21.5 17.3 25.9

59 10.7 8.1 12.1

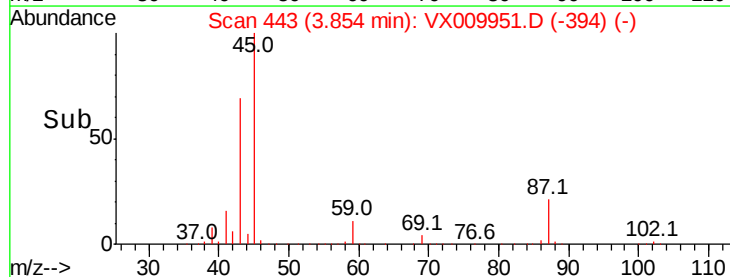
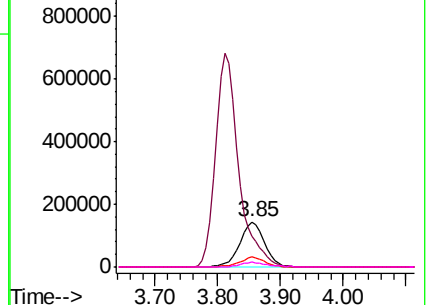


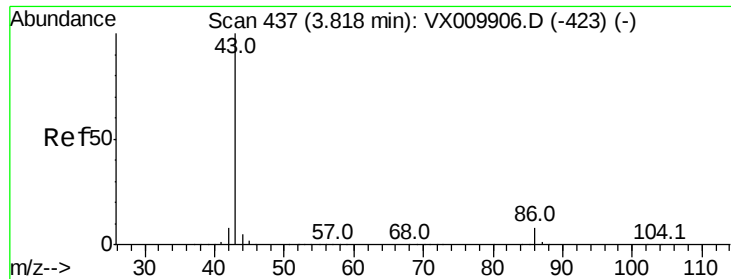
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 239.503 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1742157

Ion Ratio Lower Upper

43 100

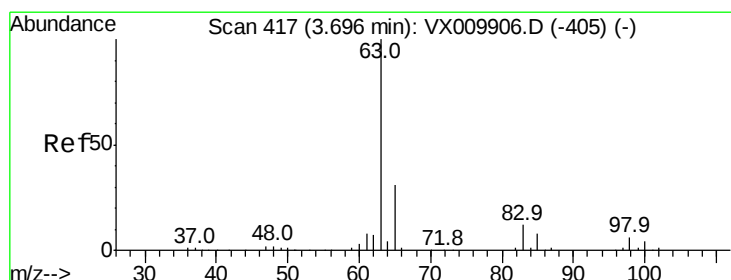
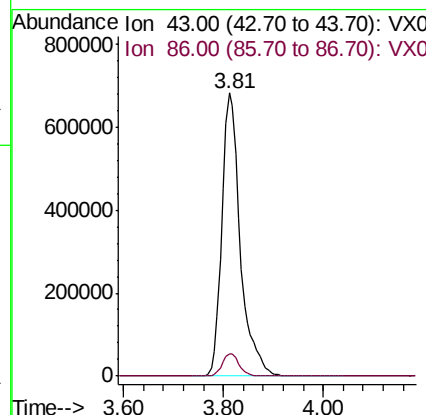
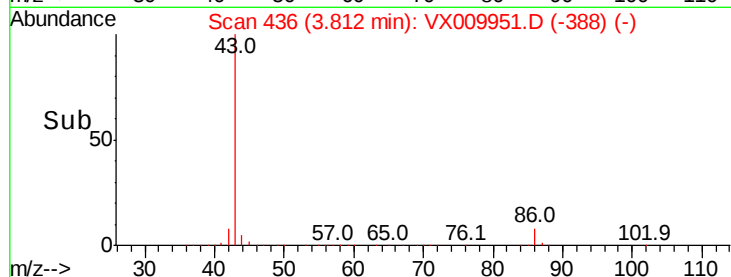
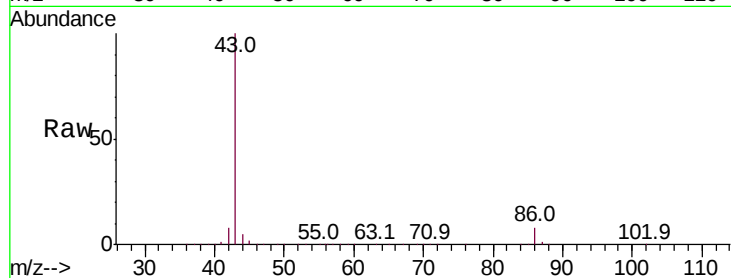
86 8.1 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.785 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

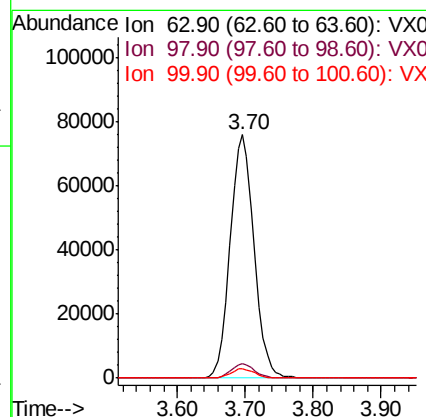
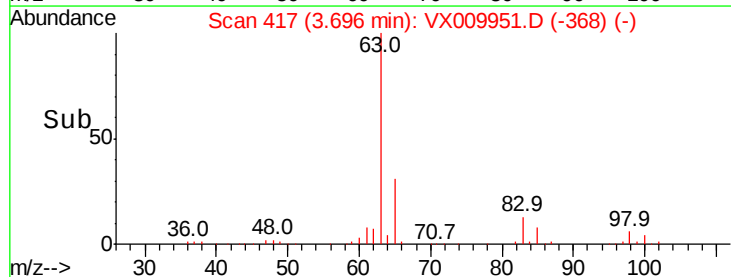
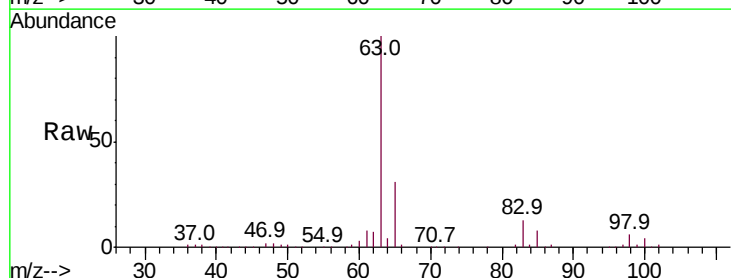
Tgt Ion: 63 Resp: 183584

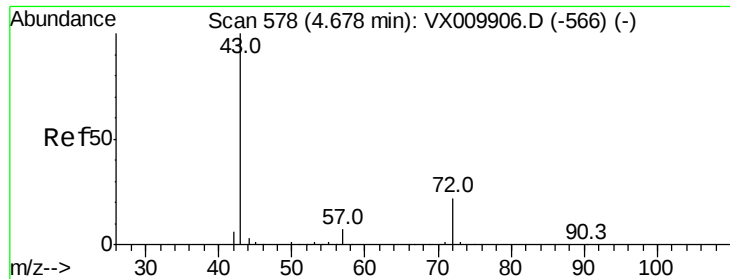
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.8 1.8 5.4





#25

2-Butanone

Concen: 239.054 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 525542

Ion Ratio Lower Upper

43 100

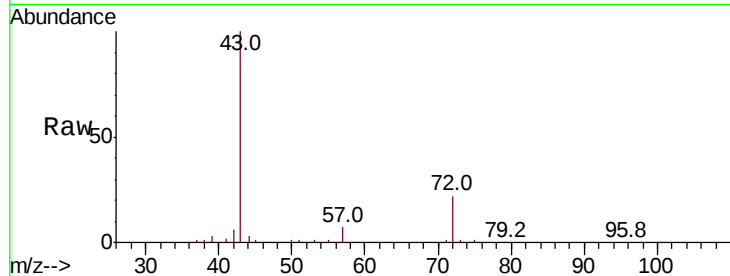
72 21.6 17.5 26.3

Manual Integrations

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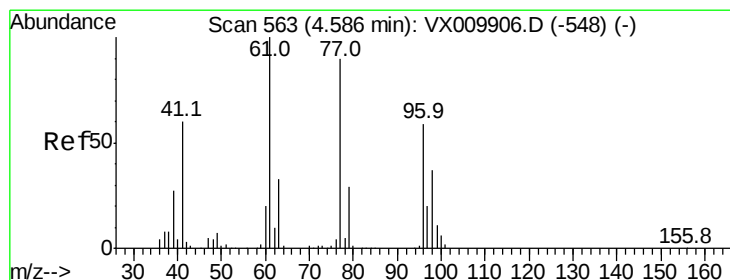
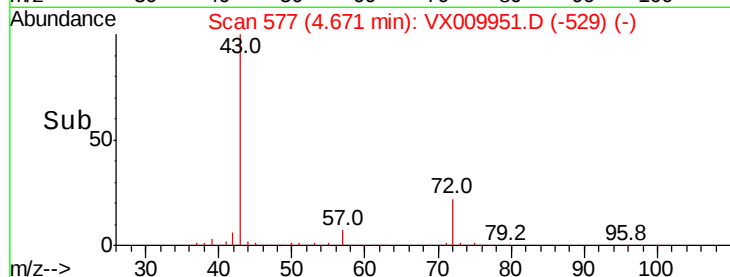
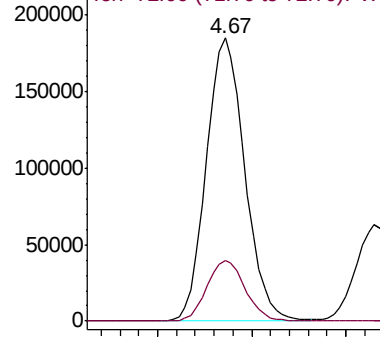
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.799 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009951.D

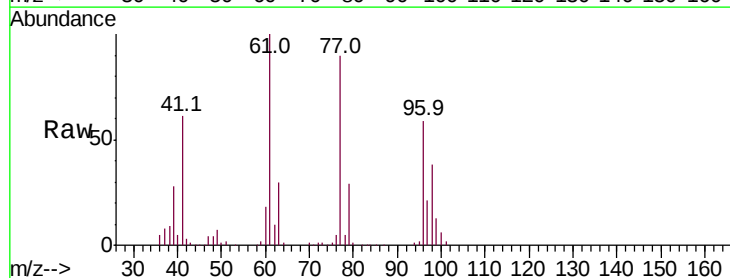
Acq: 30 May 2019 11:06

Tgt Ion: 77 Resp: 135946

Ion Ratio Lower Upper

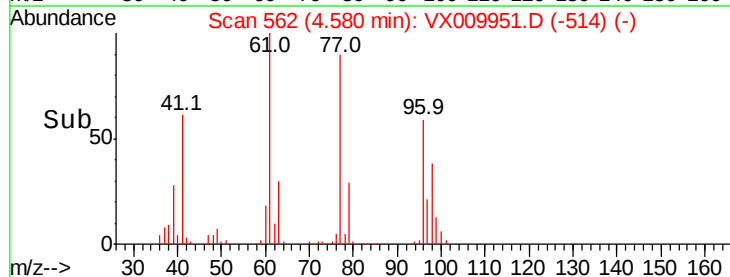
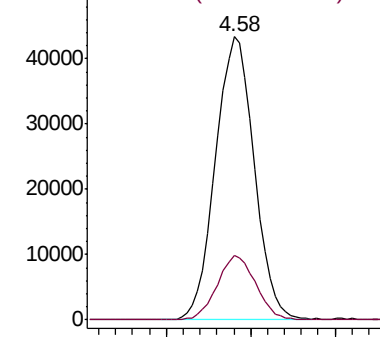
77 100

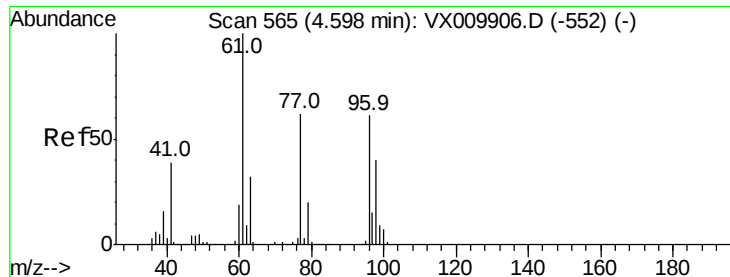
97 22.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

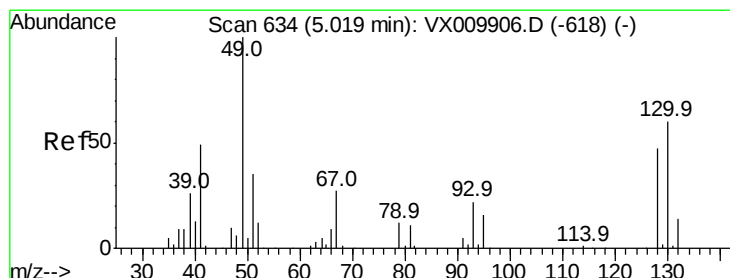
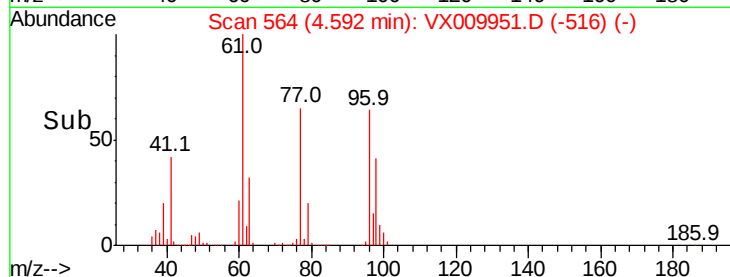
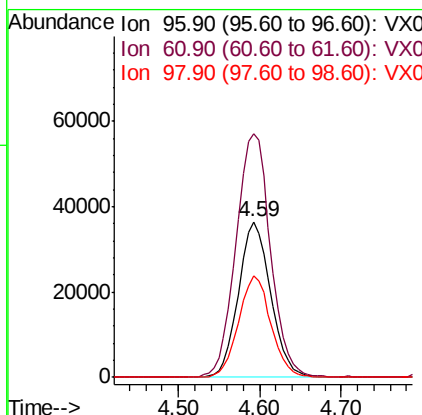
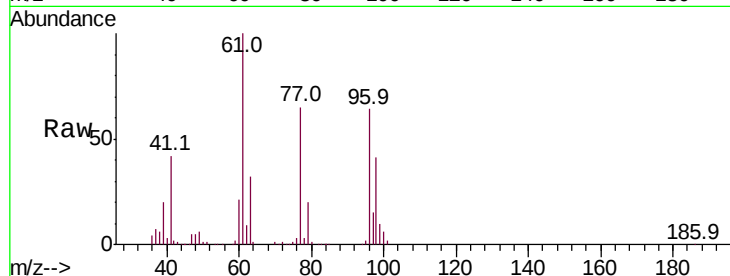
cis-1,2-Dichloroethene
Concen: 44.624 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	167.4	0.0	334.0	
98	65.3	0.0	131.6	

Manual Integrations
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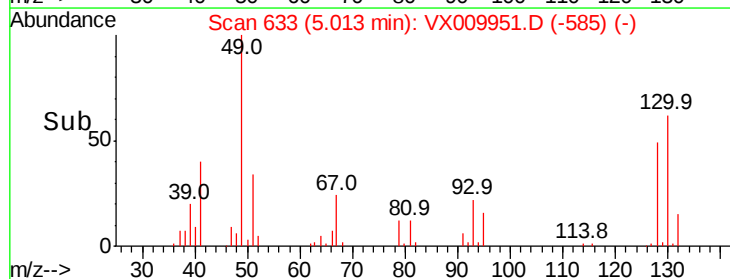
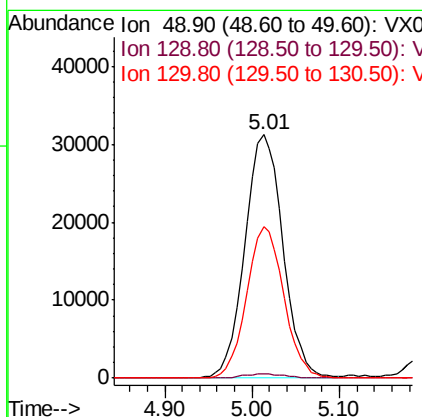
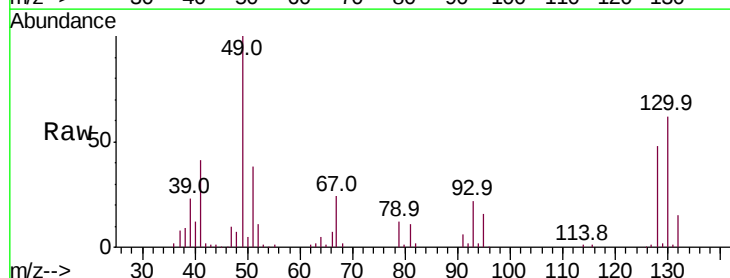
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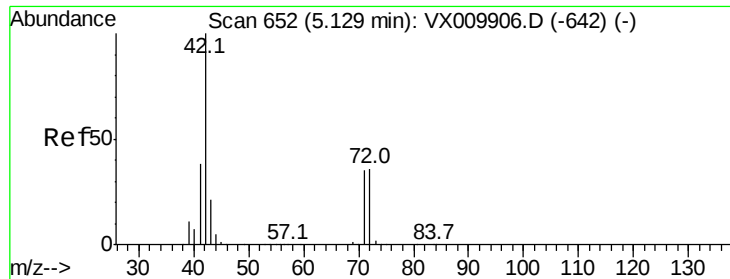


#28

Bromochloromethane
Concen: 46.282 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.4	
130	61.0	49.4	74.2	





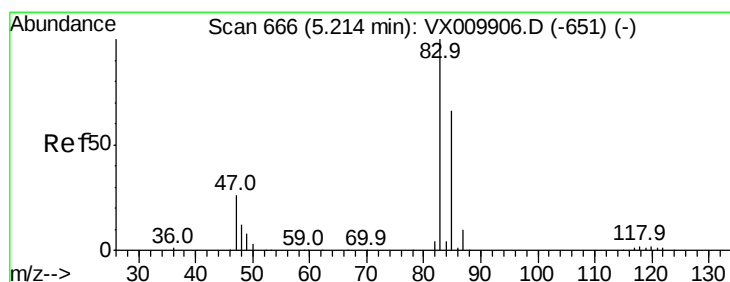
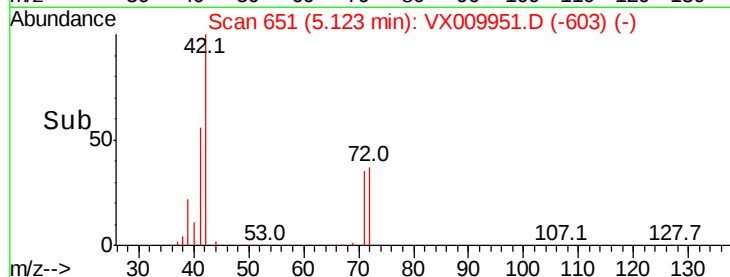
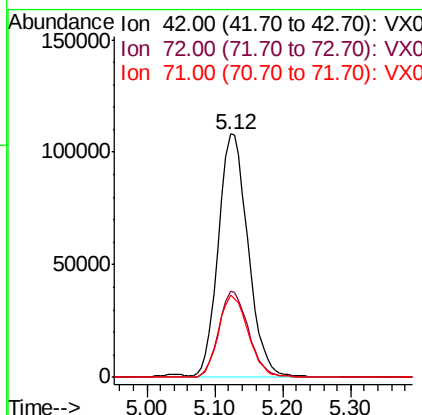
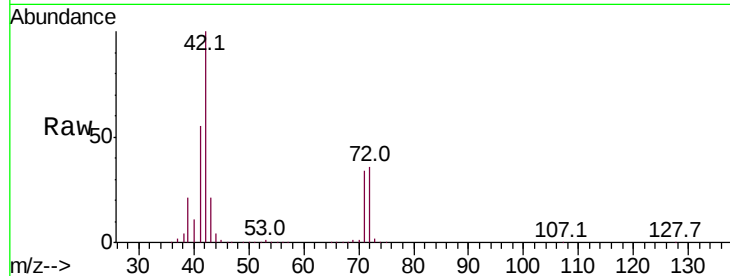
#29
Tetrahydrofuran
Concen: 232.365 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	35.7	29.2	43.8	
71	33.8	27.6	41.4	

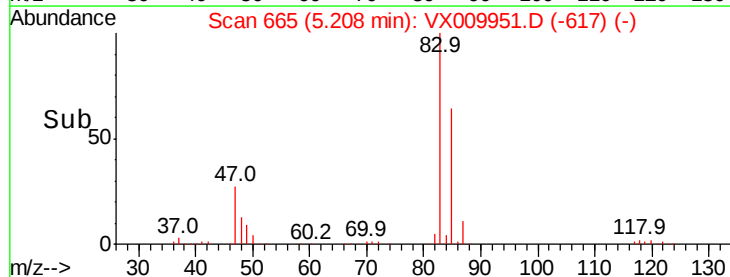
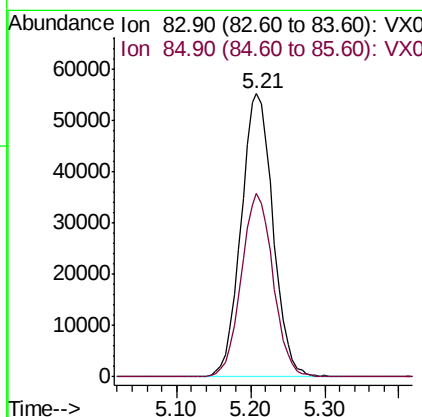
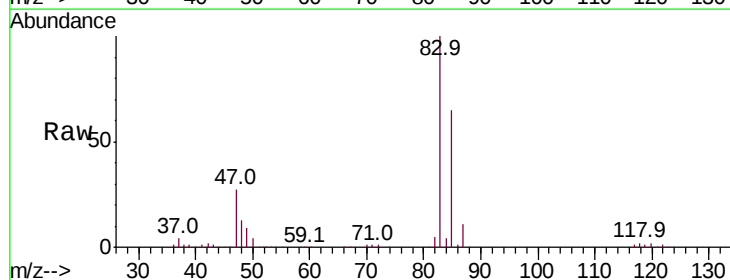
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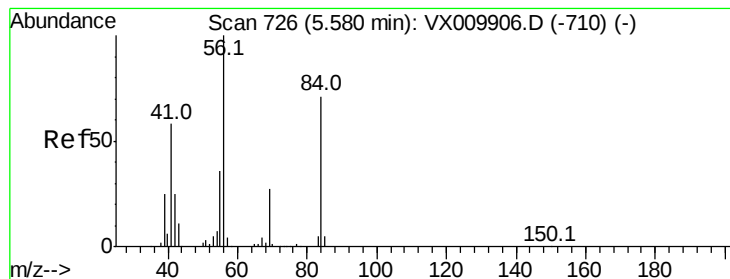
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#30
Chloroform
Concen: 46.843 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.7	52.6	78.8	





#31

Cyclohexane

Concen: 48.954 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 181939

Ion Ratio Lower Upper

56 100

69 27.4 21.6 32.4

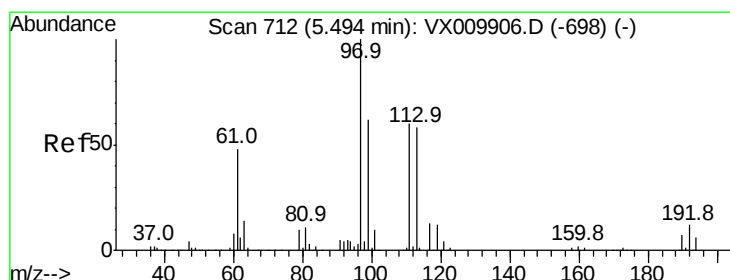
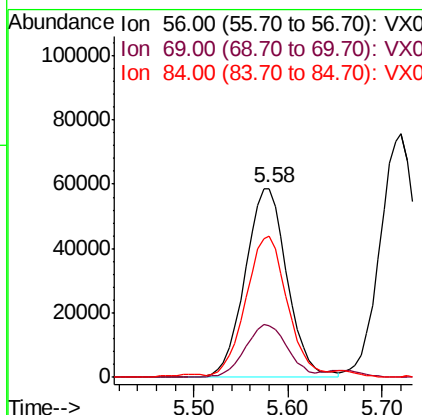
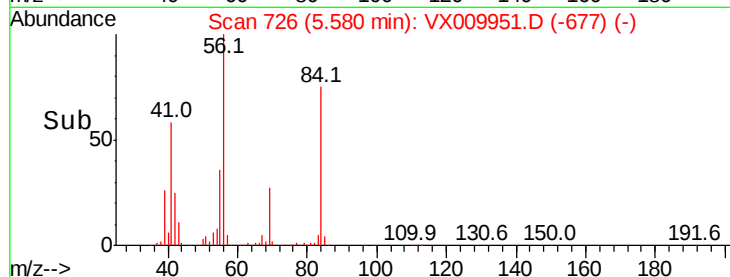
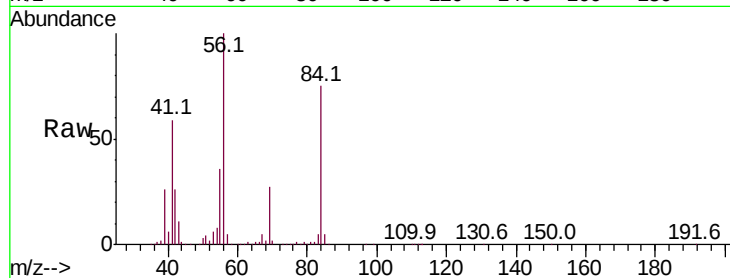
84 73.7 56.8 85.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 47.787 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

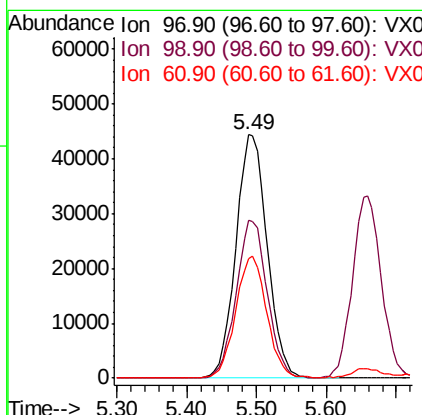
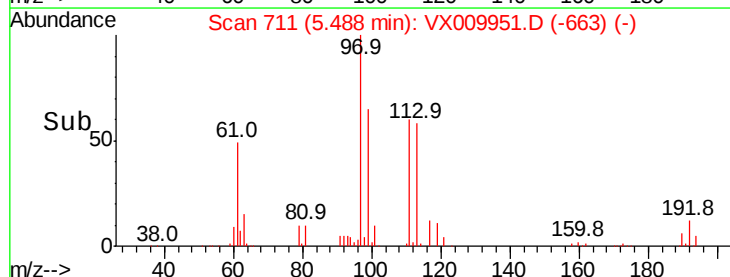
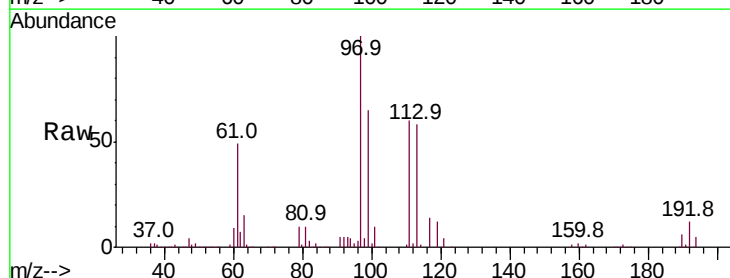
Tgt Ion: 97 Resp: 137726

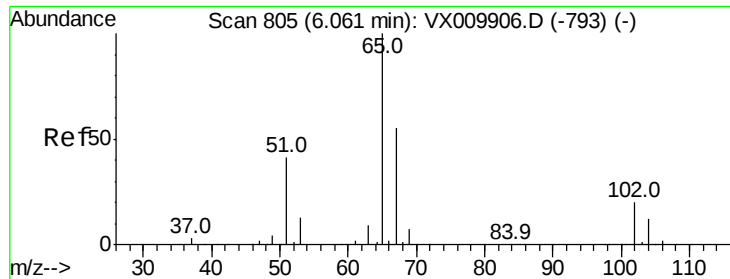
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 49.8 38.7 58.1





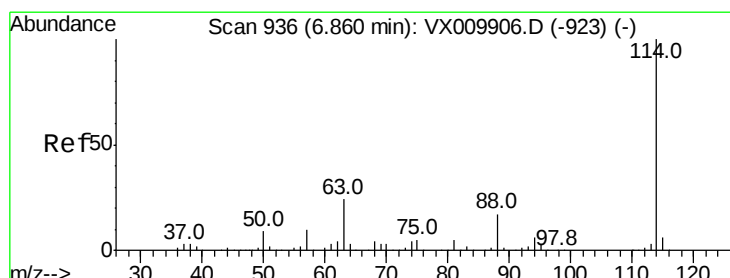
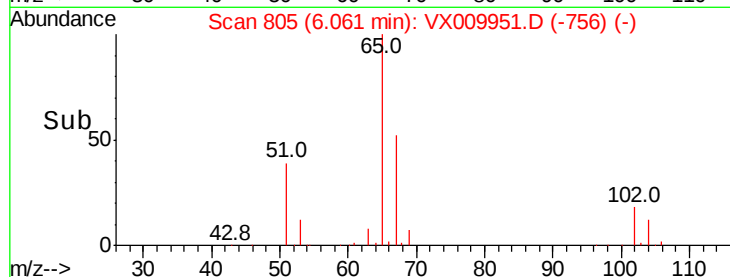
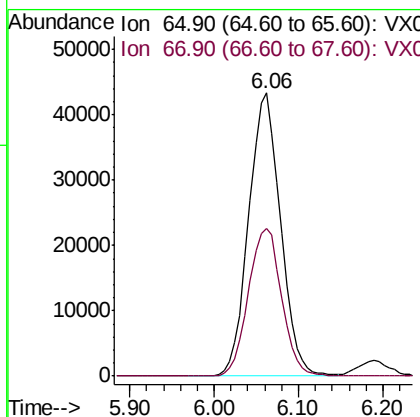
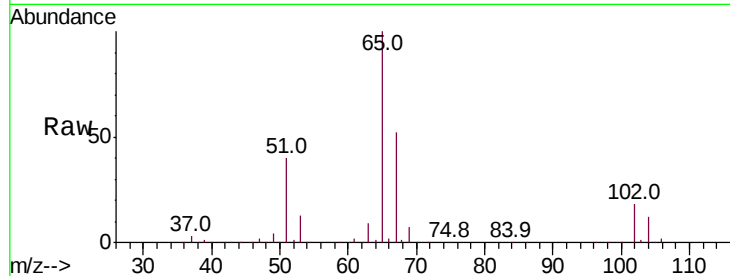
#33
 1,2-Dichloroethane-d4
 Concen: 45.591 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.4

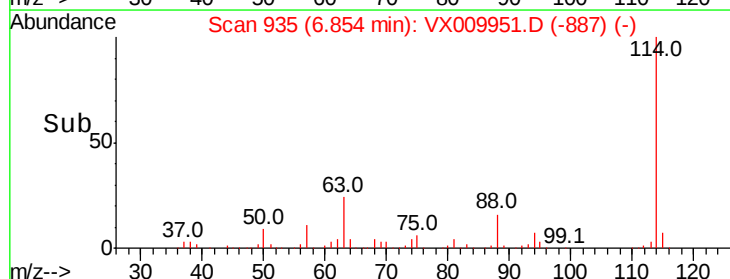
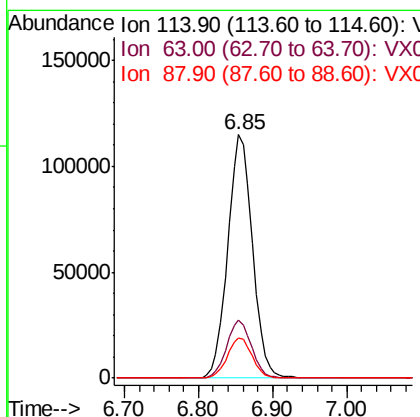
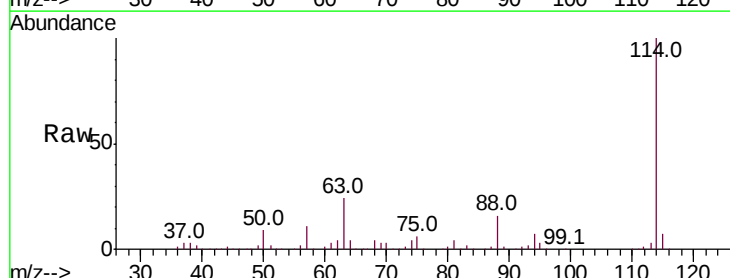
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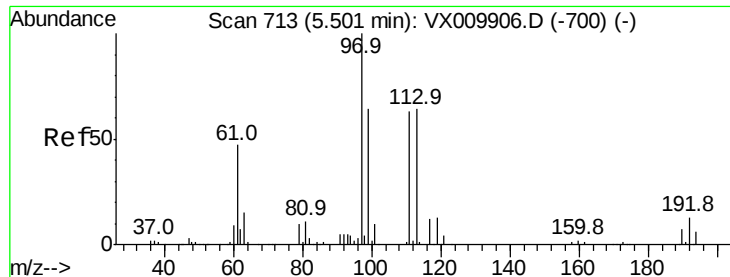
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	47.4
88	16.4	0.0	33.0





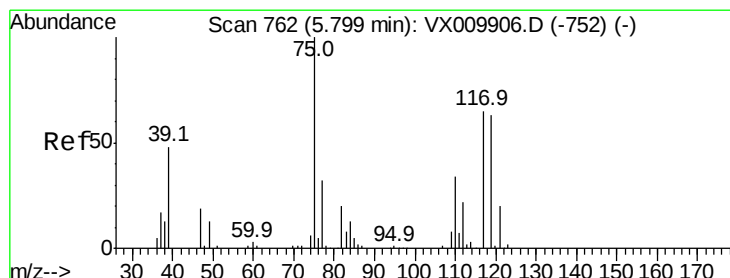
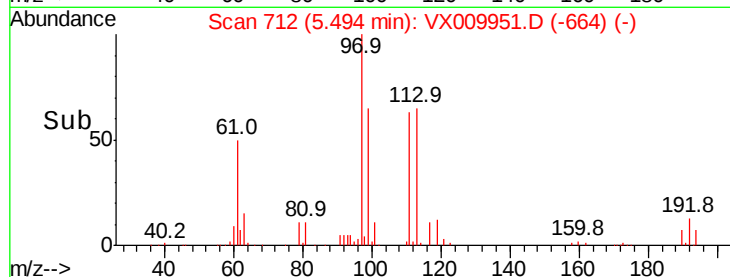
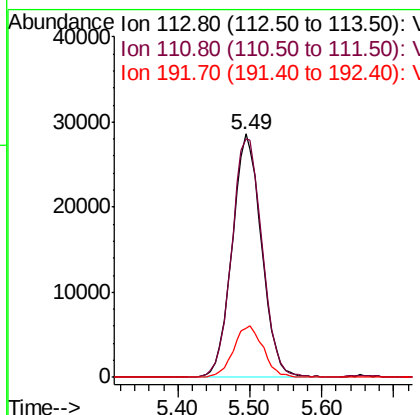
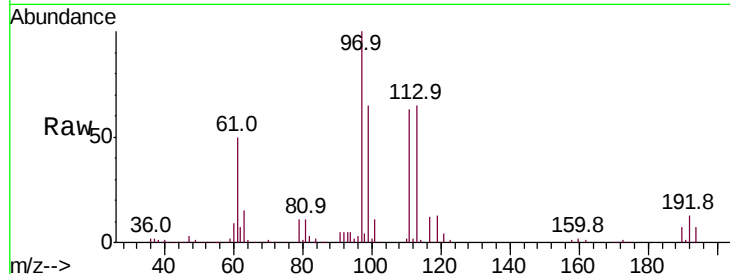
#35
 Dibromofluoromethane
 Concen: 47.972 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.2
192	21.3	17.1	25.7

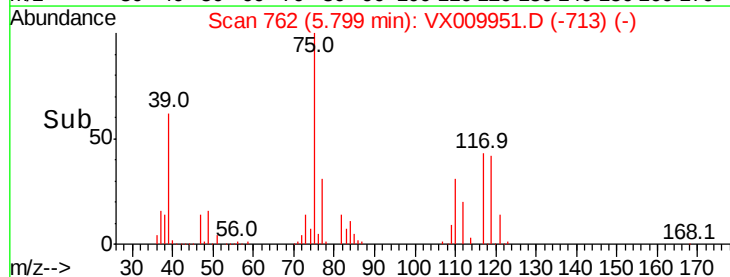
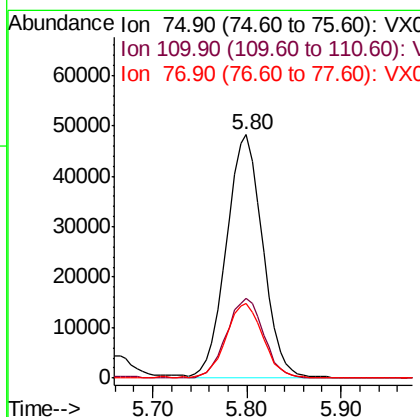
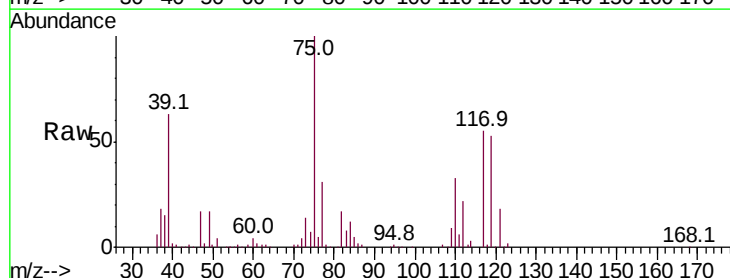
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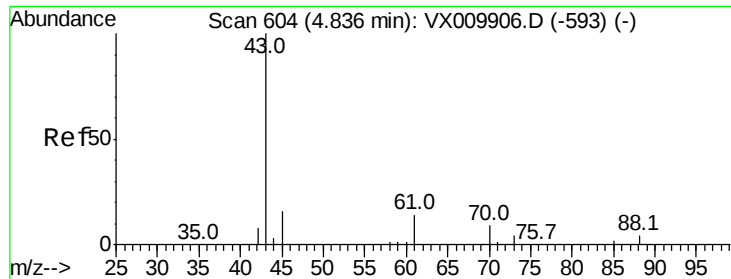
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#36
 1,1-Dichloropropene
 Concen: 47.420 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.7	50.1
77	31.6	25.0	37.4





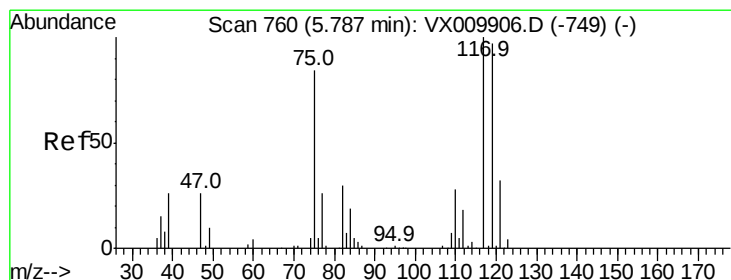
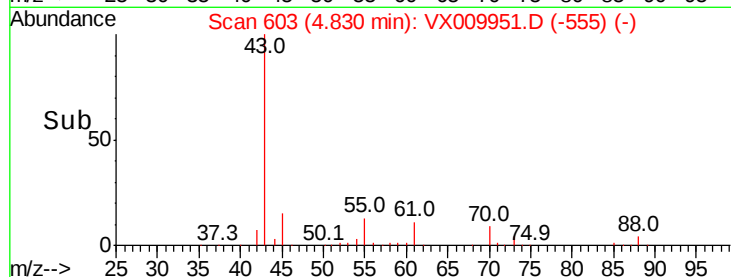
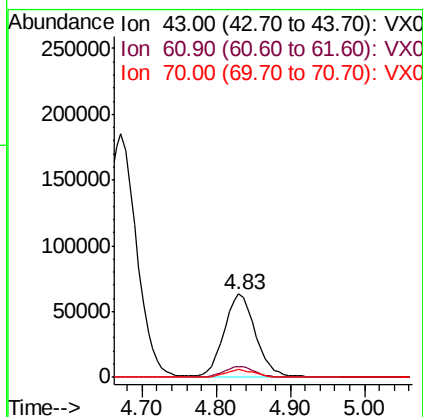
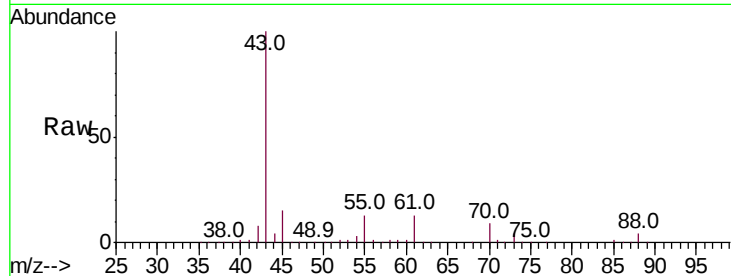
#37
Ethyl Acetate
Concen: 49.057 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.2	15.2
70	8.9	7.4	11.2

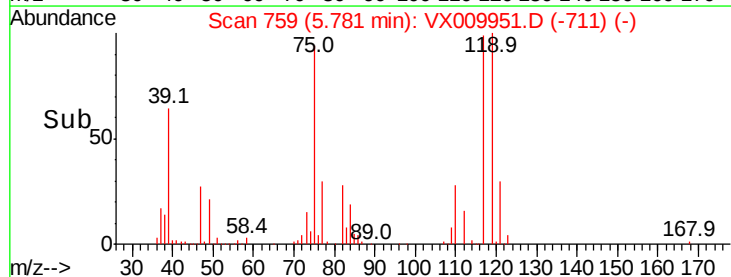
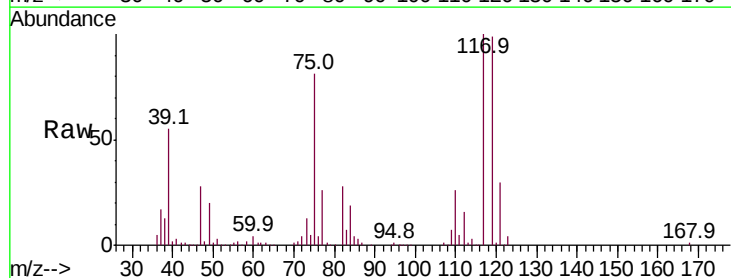
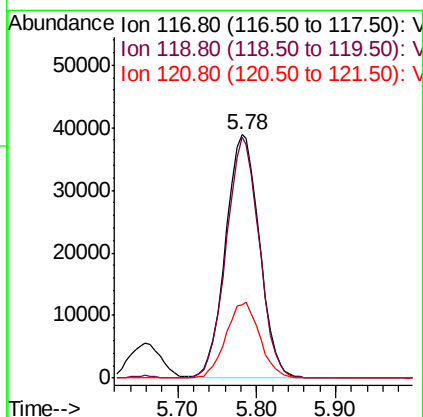
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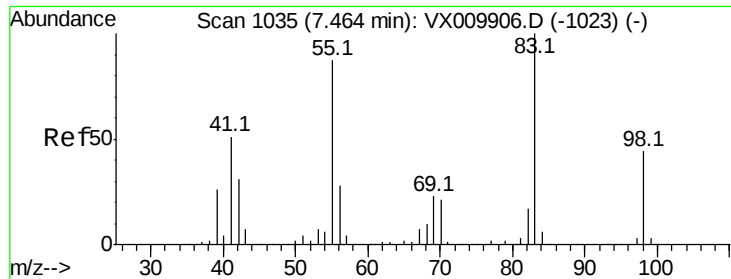
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#38
Carbon Tetrachloride
Concen: 49.404 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.3	115.9
121	29.9	25.4	38.0





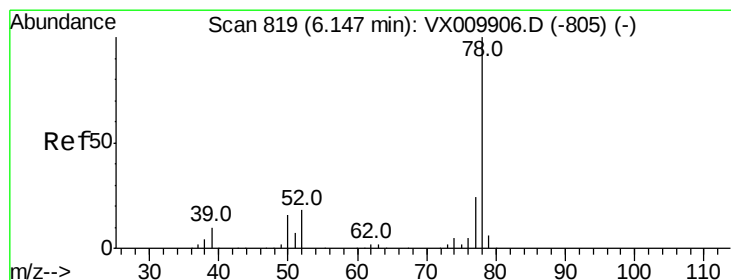
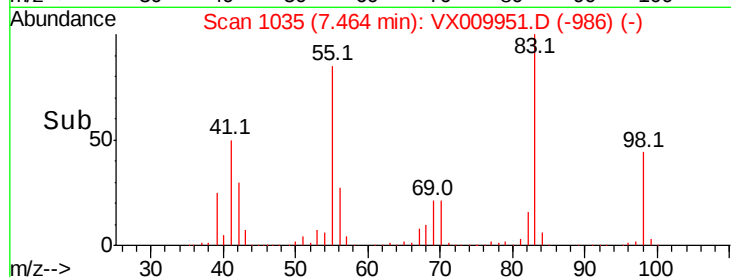
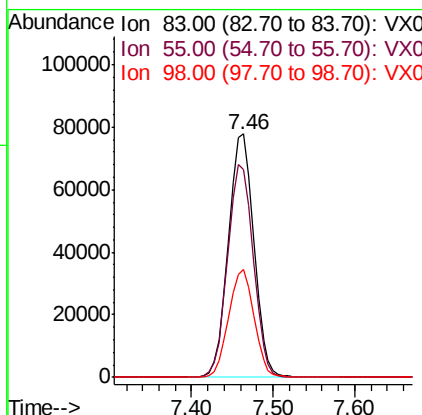
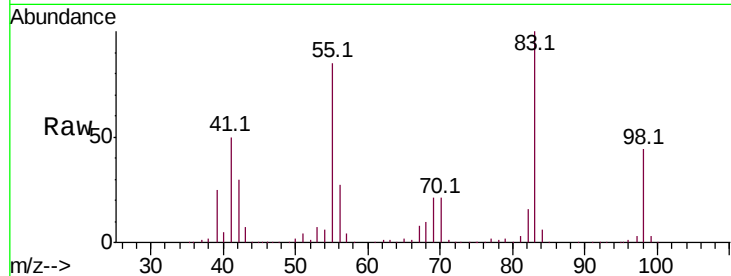
#39
Methvlcvclohexane
Concen: 52.063 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	83	Resp	167767
Ion Ratio	100	Lower	Upper
83	100		
55	85.5	69.9	104.9
98	44.2	35.1	52.7

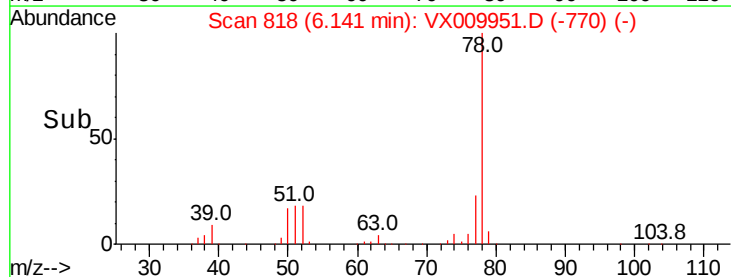
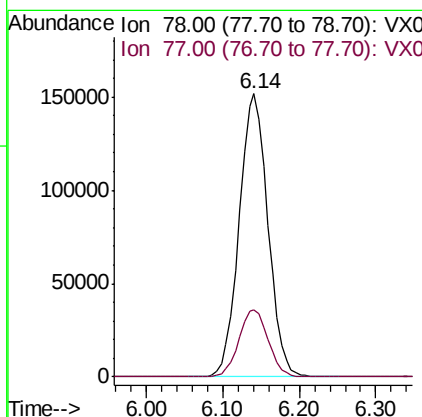
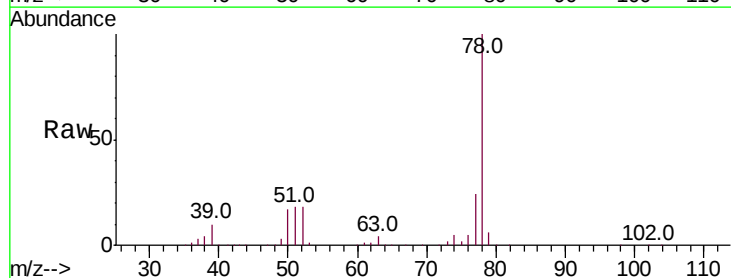
Manual Integrations
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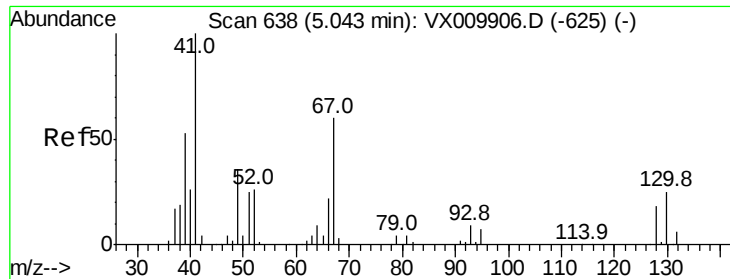
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#40
Benzene
Concen: 49.060 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion	78	Resp	395355
Ion Ratio	100	Lower	Upper
78	100		
77	23.8	19.2	28.8





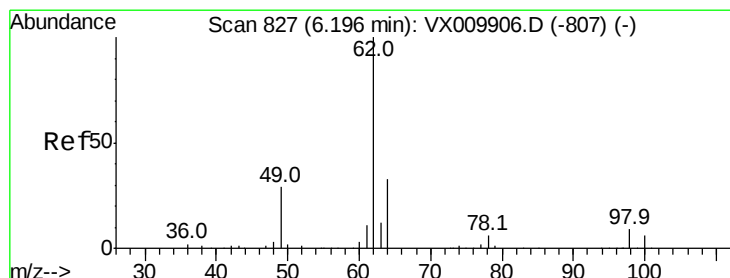
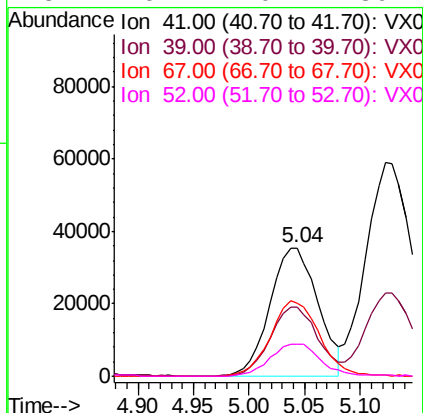
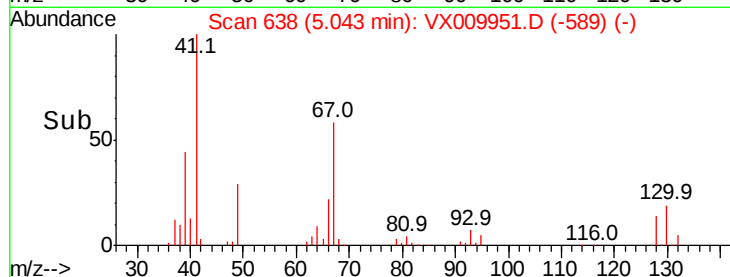
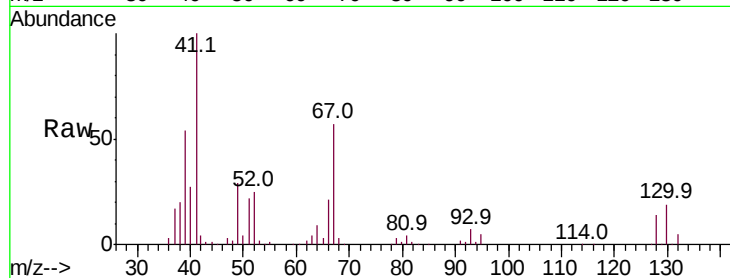
#41
Methacrylonitrile
Concen: 48.011 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.2	63.4
67	59.8	48.9	73.3
52	26.4	20.1	30.1

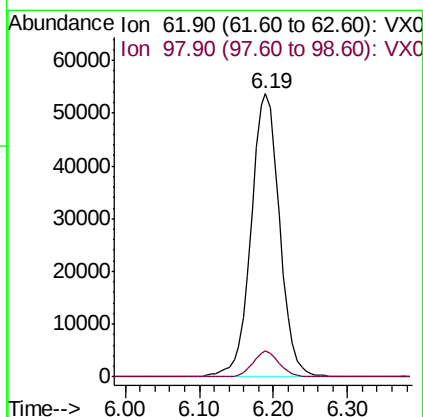
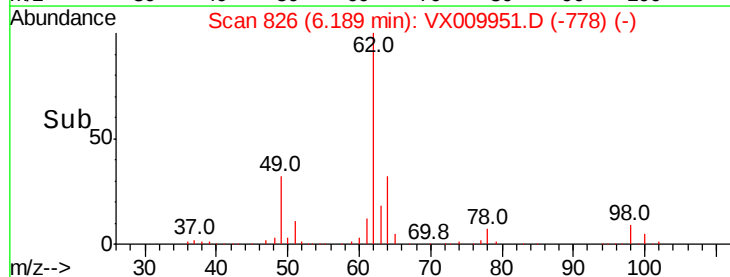
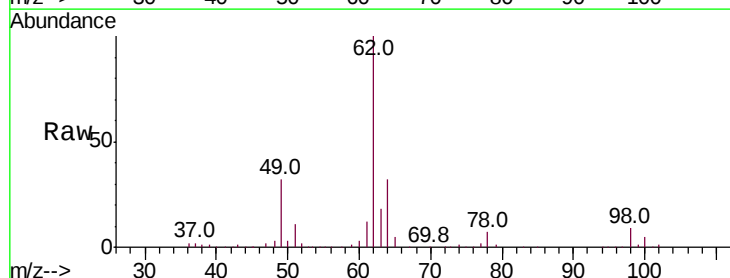
Manual Integrations
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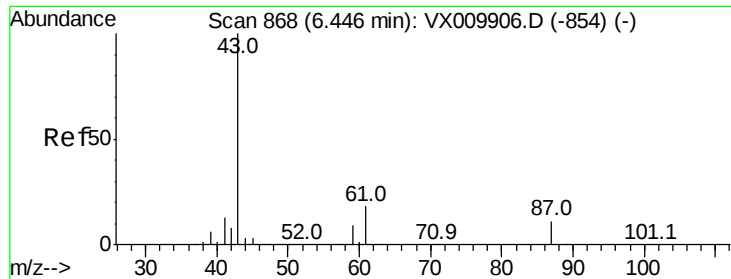
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#42
1,2-Dichloroethane
Concen: 48.285 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 47.318 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

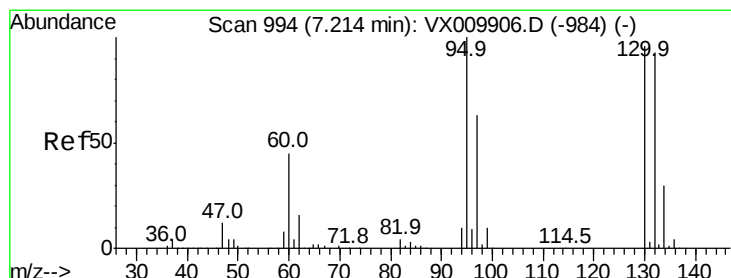
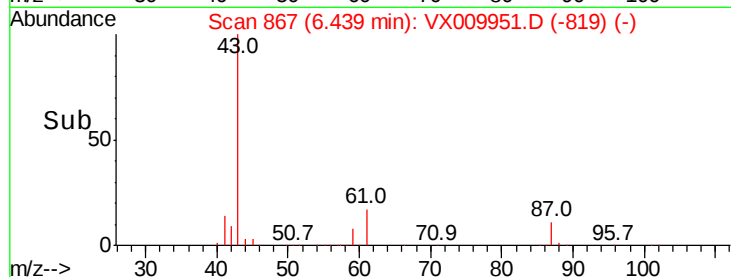
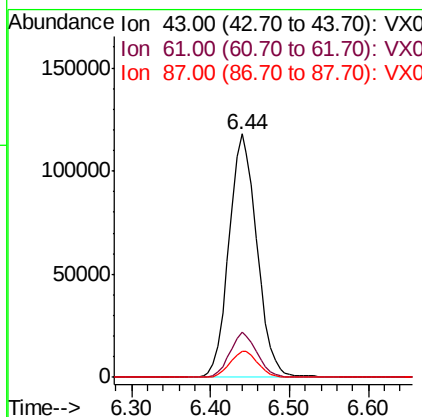
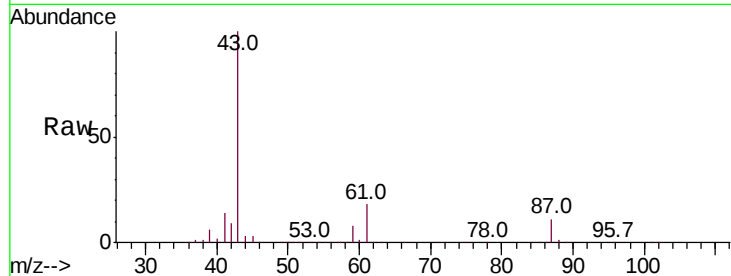
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	289003
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.6	21.8
87	10.8	8.7	13.1

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#44

Trichloroethene

Concen: 47.877 ug/l

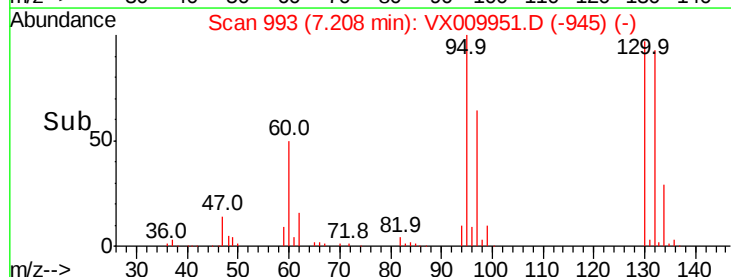
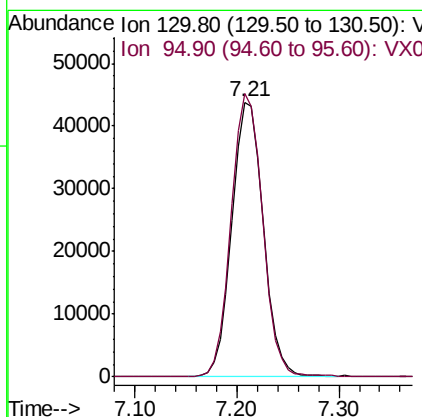
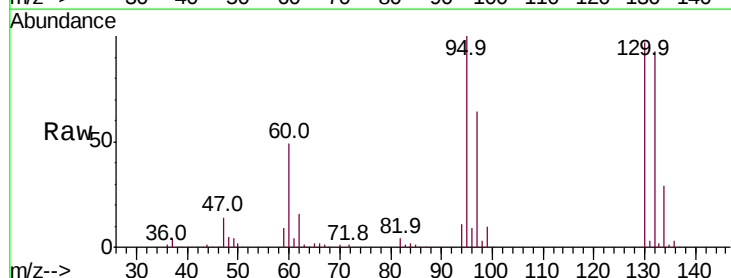
RT: 7.21 min Scan# 993

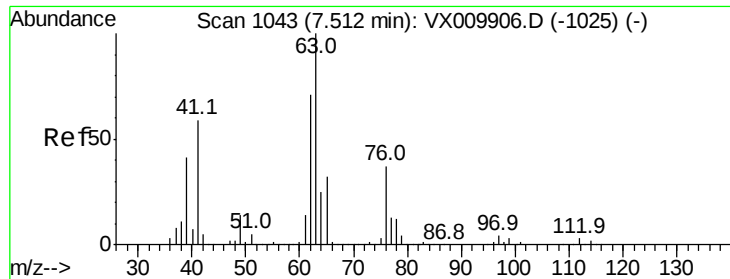
Delta R.T. -0.01 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Tgt Ion:	130	Resp:	93717
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	207.4





#45

1,2-Dichloropropane

Concen: 48.959 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 113576

Ion Ratio Lower Upper

63 100

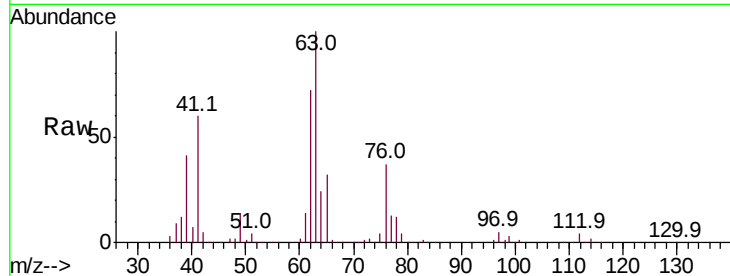
65 31.6 25.7 38.5

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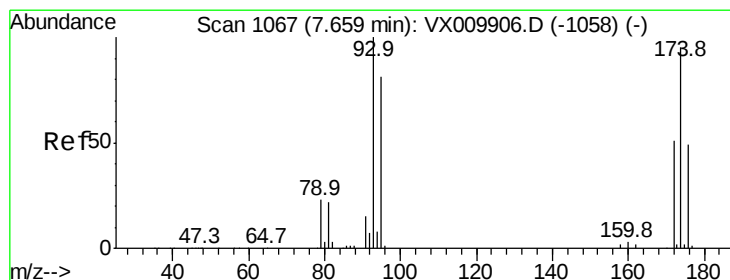
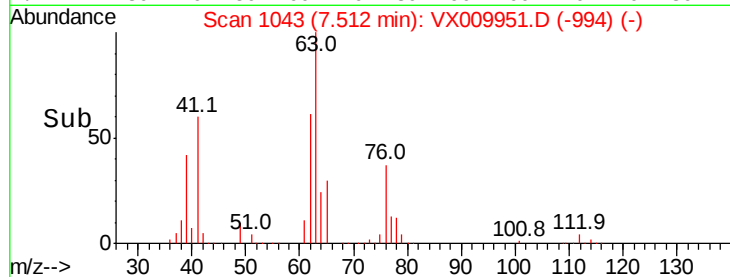
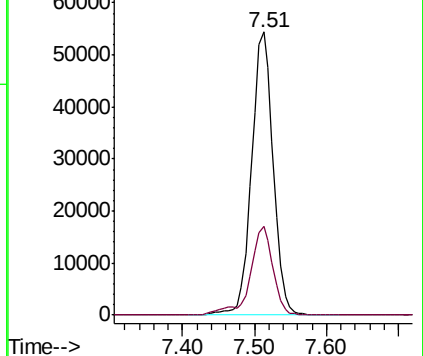
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.540 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

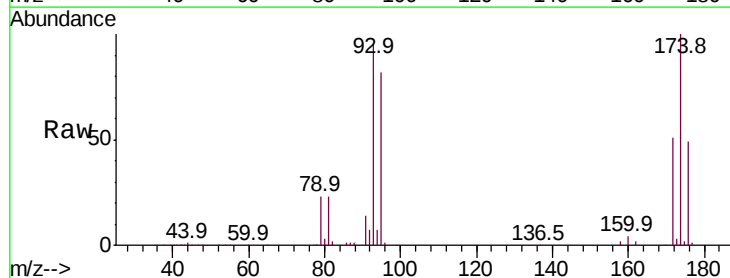
Tgt Ion: 93 Resp: 63551

Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

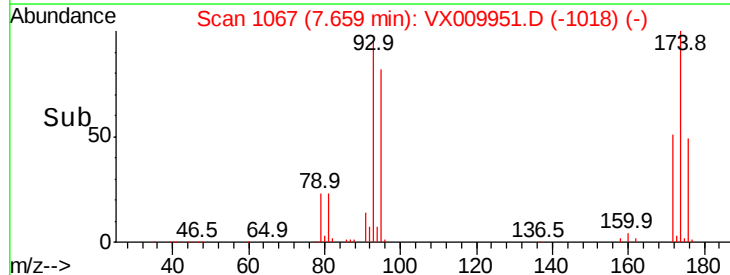
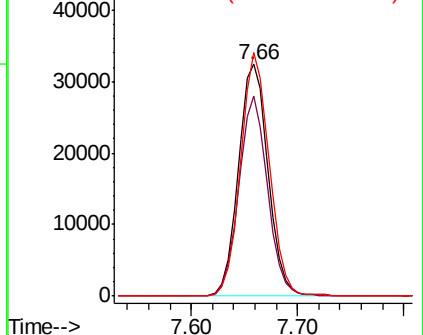
174 101.7 81.9 122.9

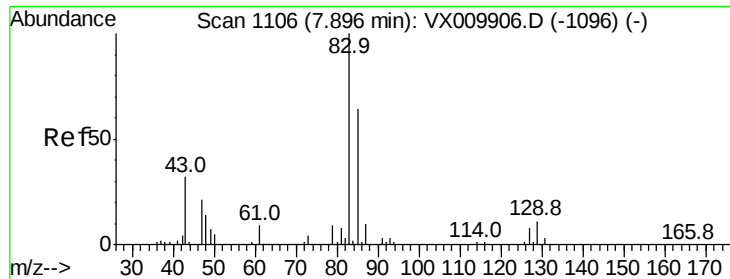


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.337 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

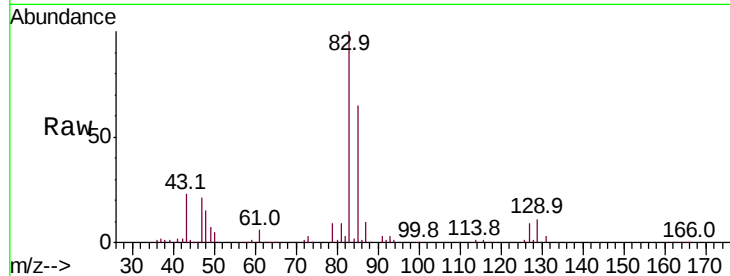
ClientSampleId :

VSTDCCC050

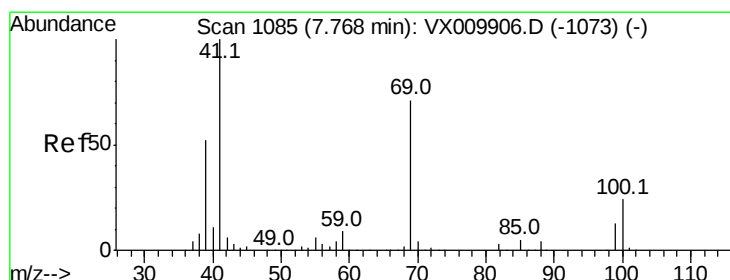
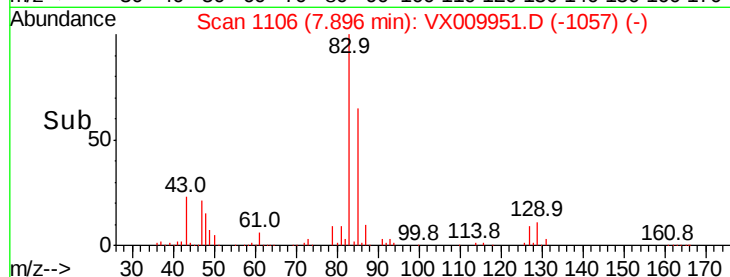
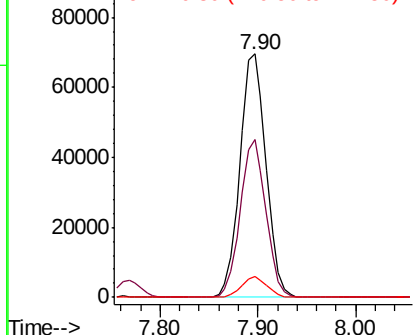
Tot Ion:	83	Resp:	128111
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.4	77.2
127	8.5	6.4	9.6

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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: 50.531 ug/l

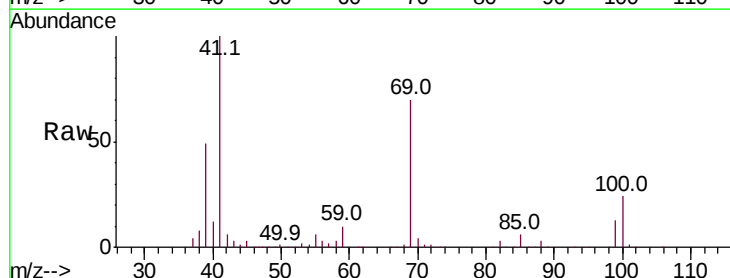
RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

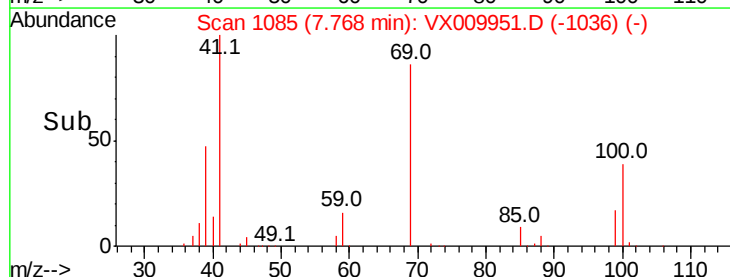
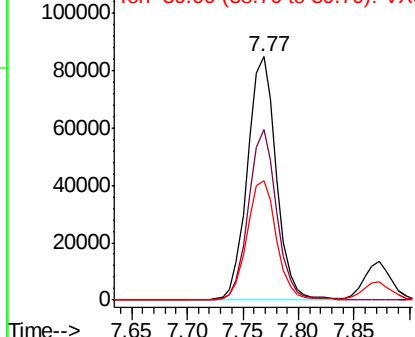
Lab File: VX009951.D

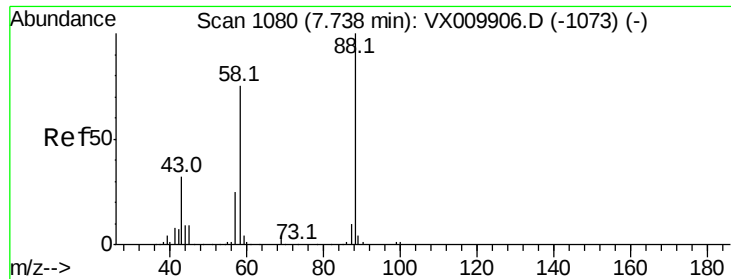
Acq: 30 May 2019 11:06

Tgt Ion:	41	Resp:	152779
Ion Ratio	Lower	Upper	
41	100		
69	69.2	56.4	84.6
39	49.9	40.6	60.8



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





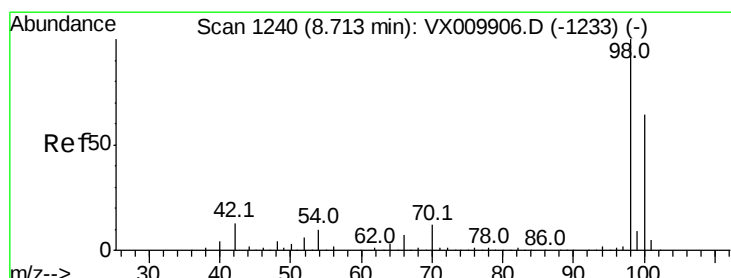
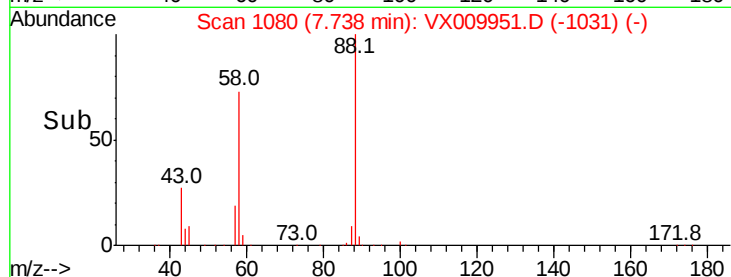
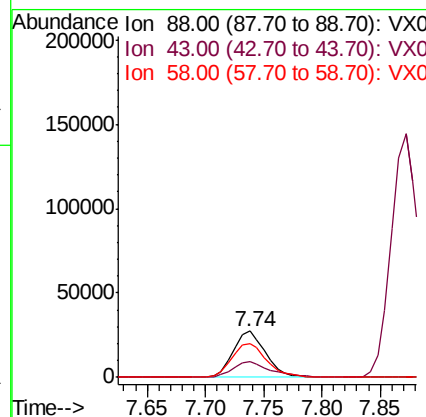
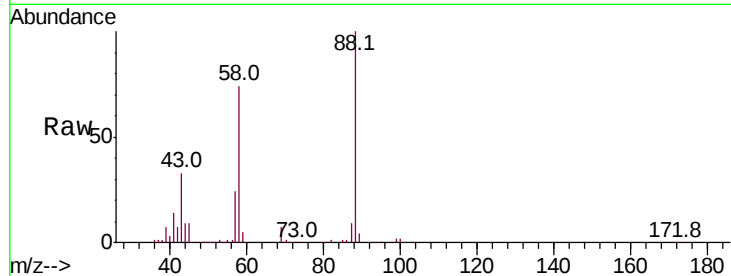
#49
1,4-Dioxane
Concen: 949.629 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.4	30.2	45.4
58	79.4	64.0	96.0

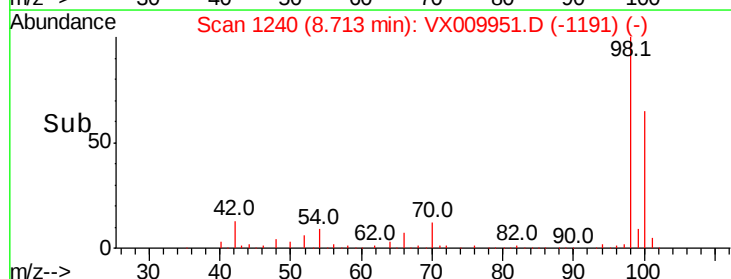
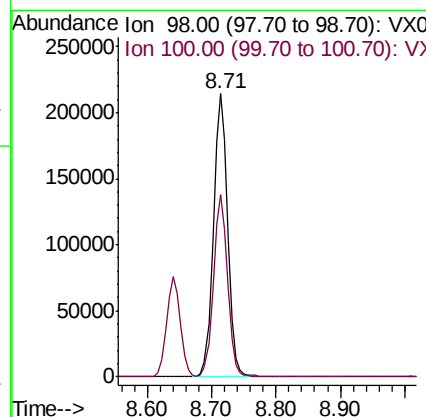
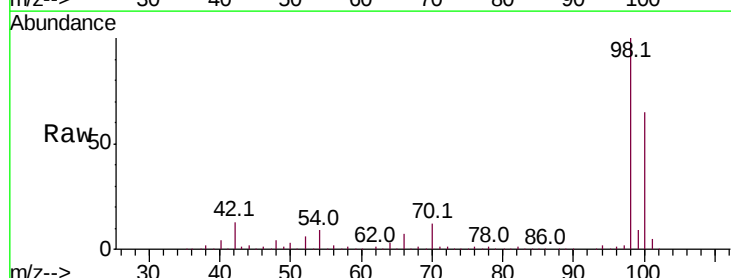
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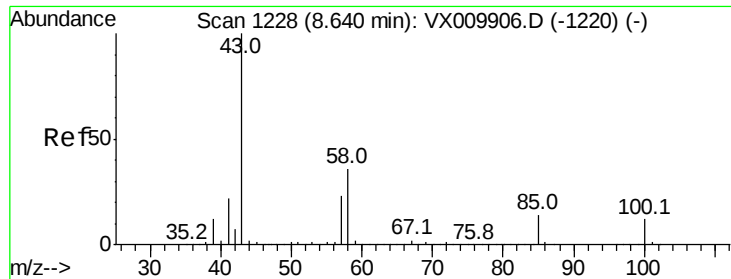
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#50
Toluene-d8
Concen: 48.475 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 236.535 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 939777

Ion Ratio Lower Upper

43 100

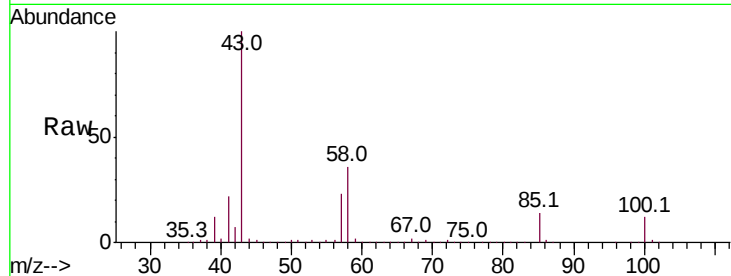
58 36.2 28.8 43.2

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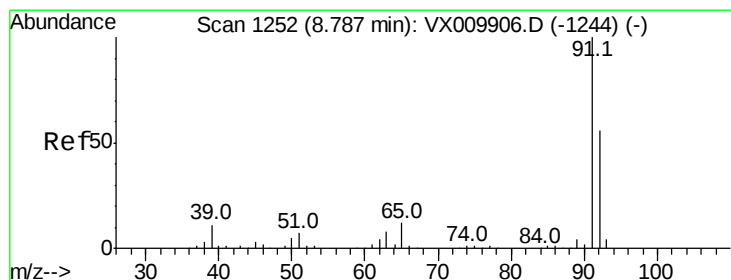
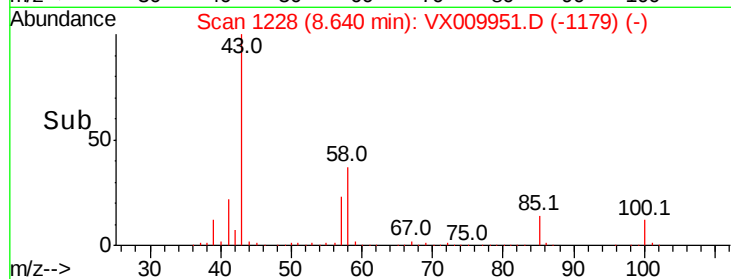
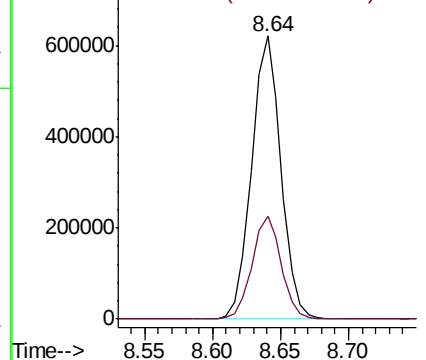
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.821 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009951.D

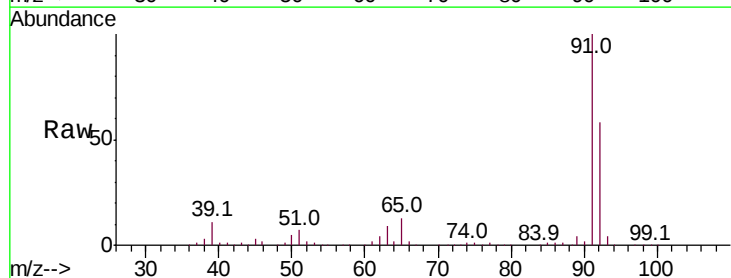
Acq: 30 May 2019 11:06

Tgt Ion: 92 Resp: 238877

Ion Ratio Lower Upper

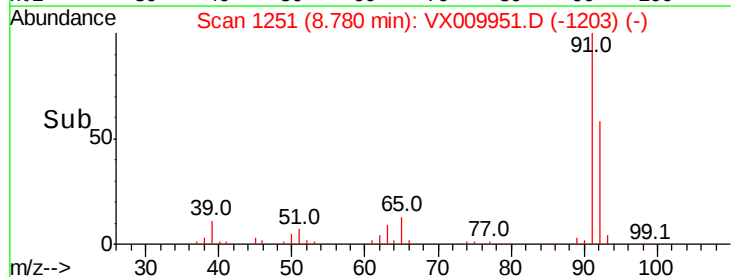
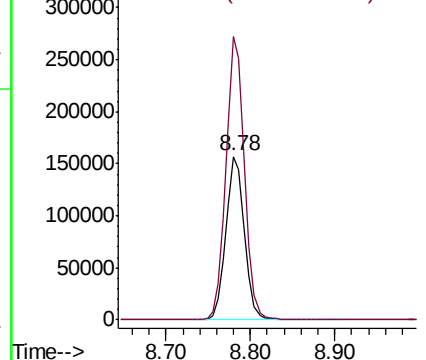
92 100

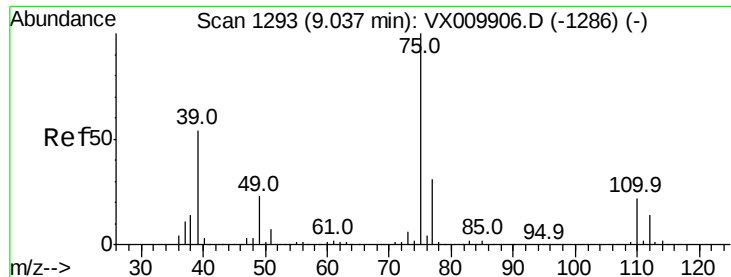
91 173.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





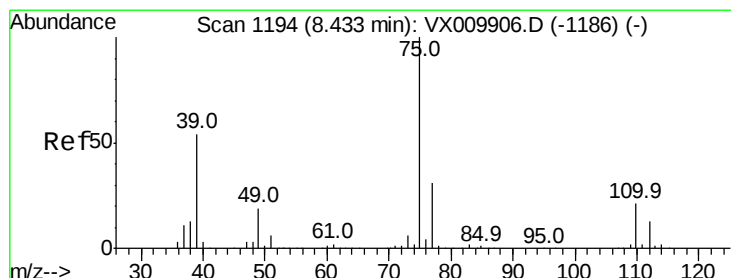
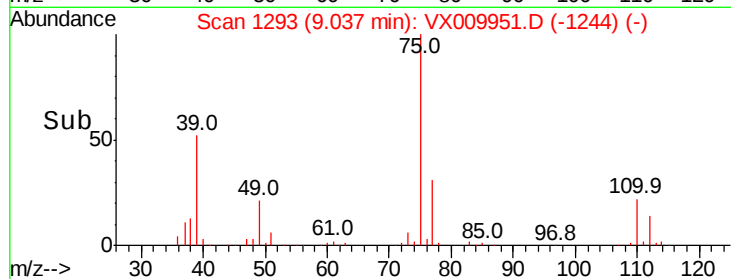
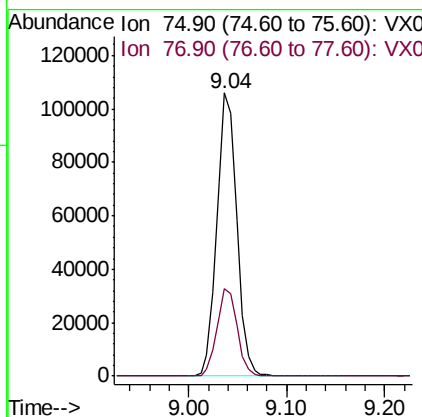
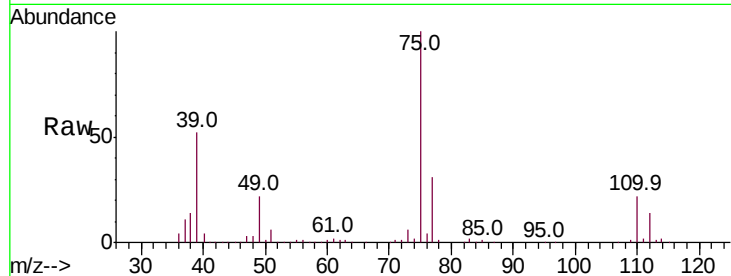
#53
 t-1,3-Dichloropropene
 Concen: 48.305 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.6	36.8

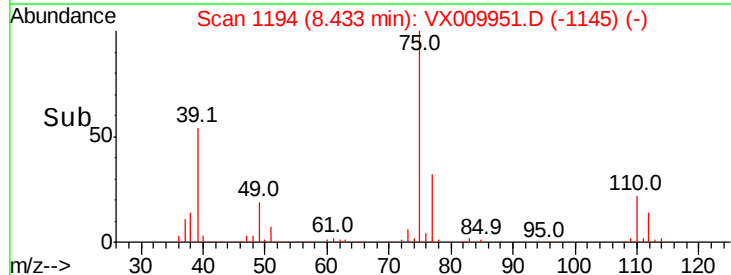
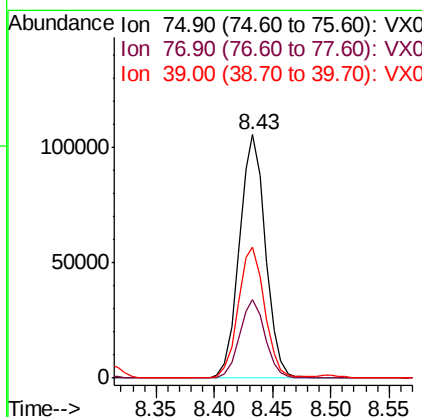
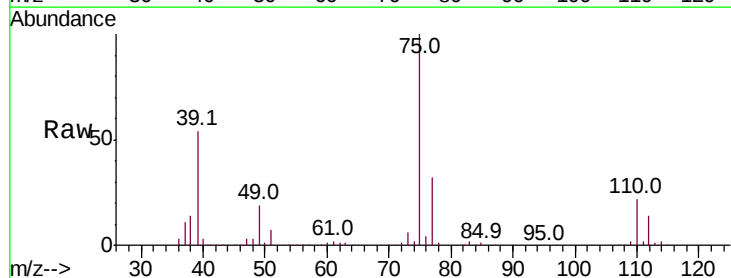
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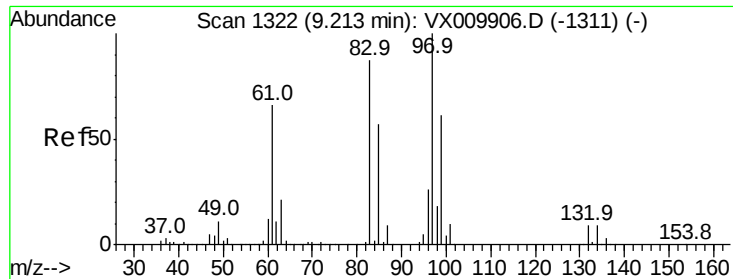
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#54
 cis-1,3-Dichloropropene
 Concen: 48.564 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.8	37.2
39	53.8	43.4	65.0





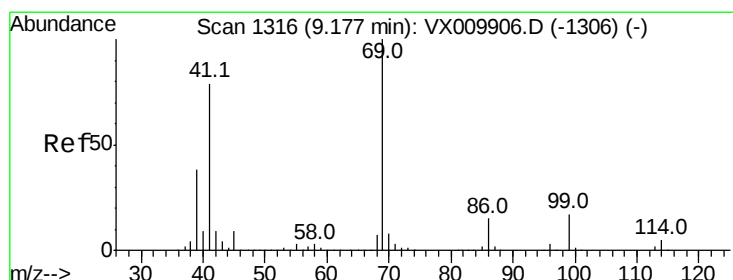
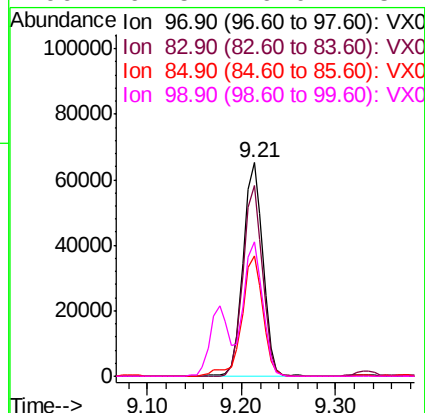
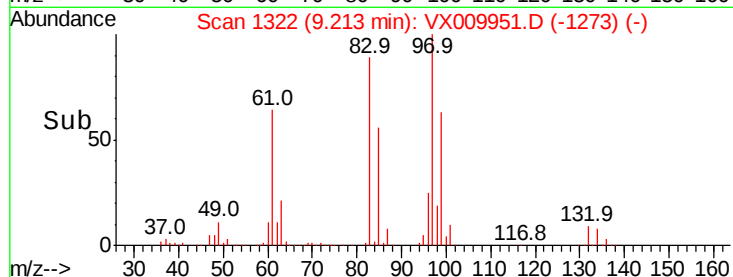
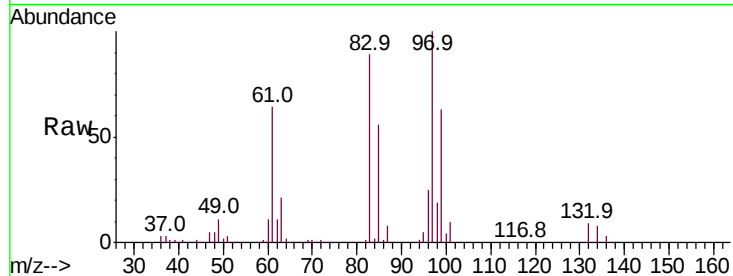
#55
 1,1,2-Trichloroethane
 Concen: 48.470 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	95454
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.8	104.8
85	56.4	45.3	67.9
99	62.5	49.0	73.4

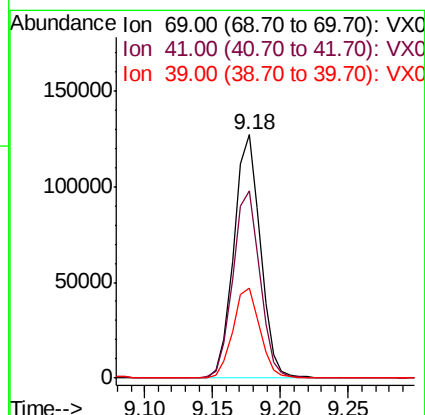
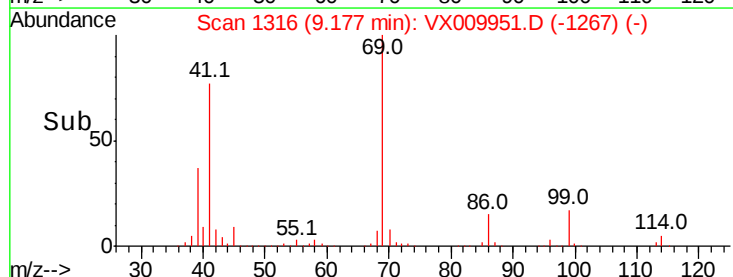
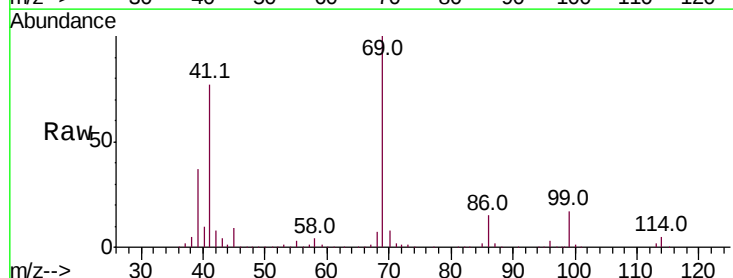
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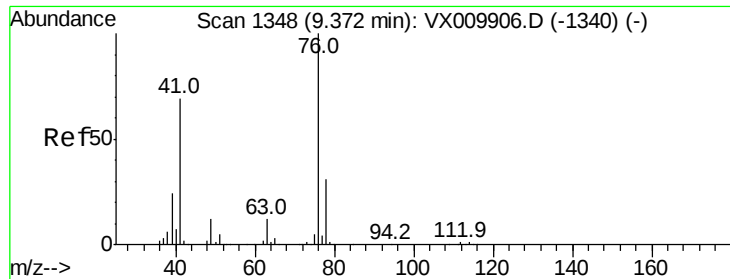
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#56
 Ethyl methacrylate
 Concen: 49.346 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Tgt Ion:	69	Resp:	173007
Ion	Ratio	Lower	Upper
69	100		
41	78.1	62.7	94.1
39	37.5	29.5	44.3





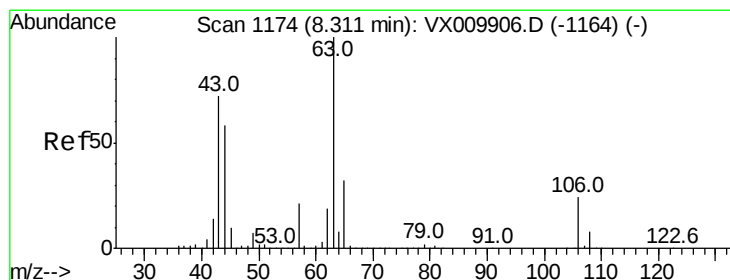
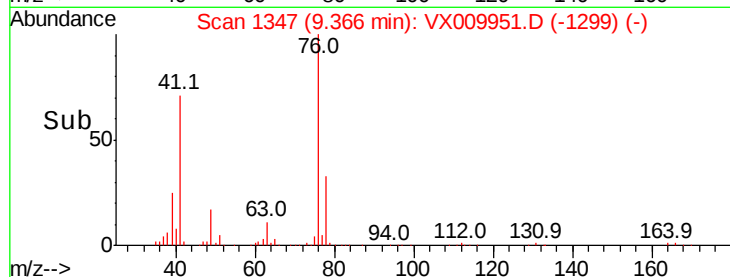
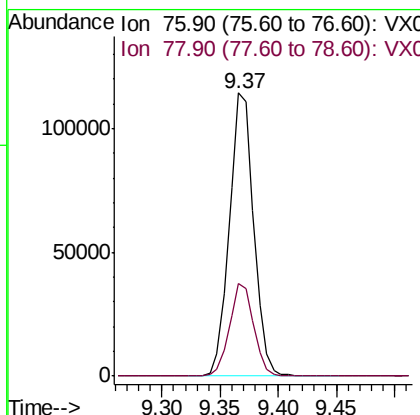
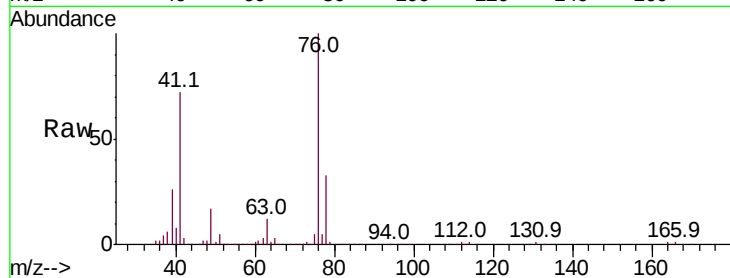
#57
 1,3-Dichloropropane
 Concen: 47.042 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 166375
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.4 38.0

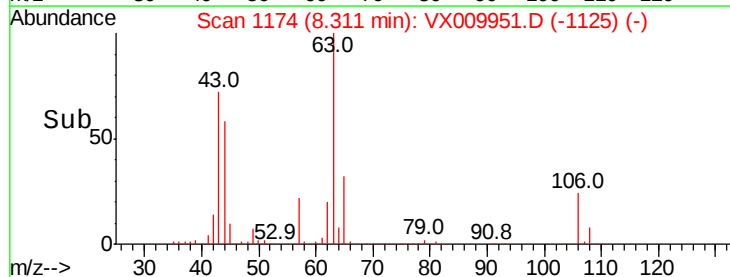
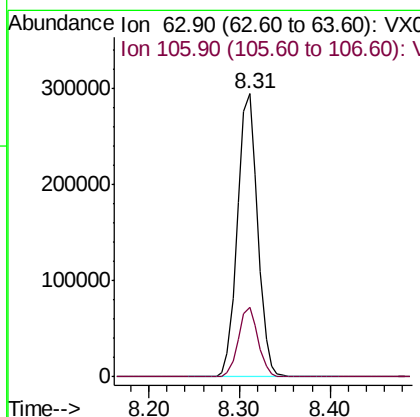
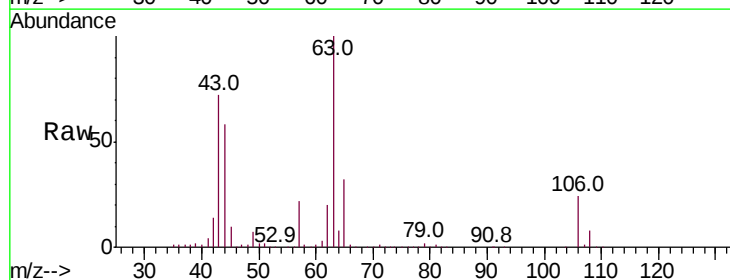
Manual Integrations
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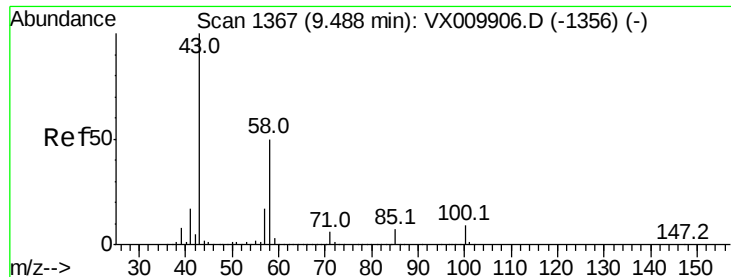
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.680 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Tgt Ion: 63 Resp: 455354
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.4 29.2





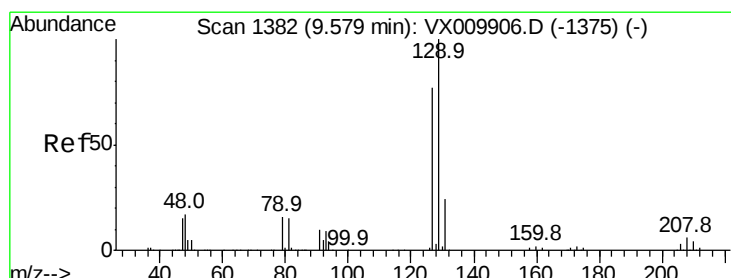
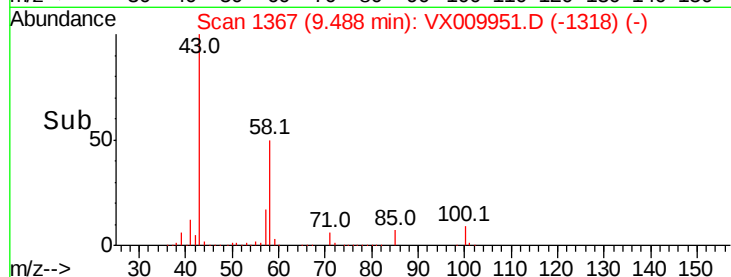
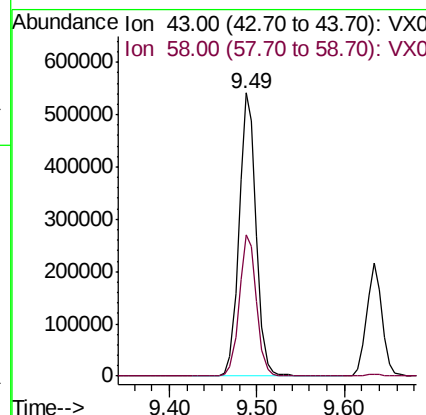
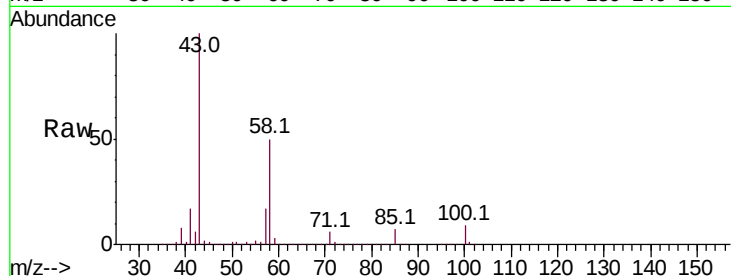
#59
2-Hexanone
Concen: 241.194 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 737789
Ion Ratio Lower Upper
43 100
58 50.5 25.1 75.3

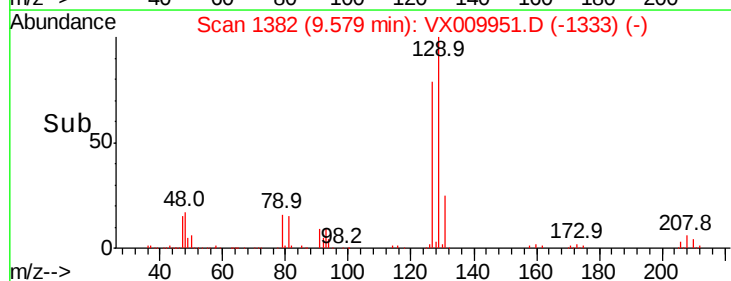
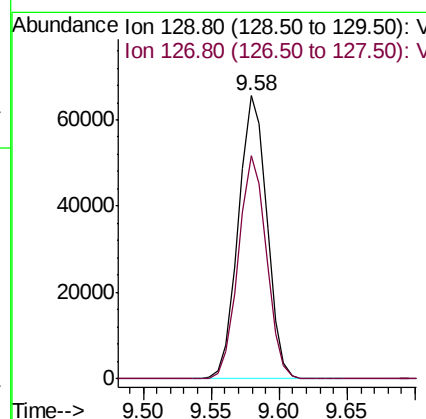
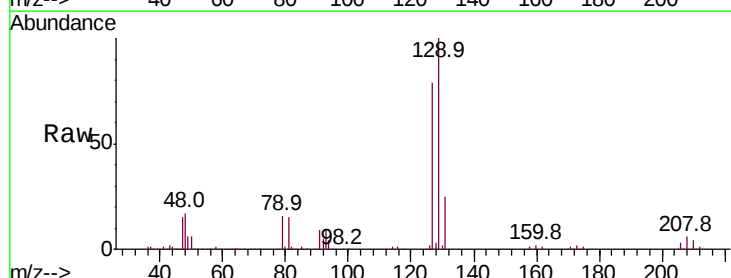
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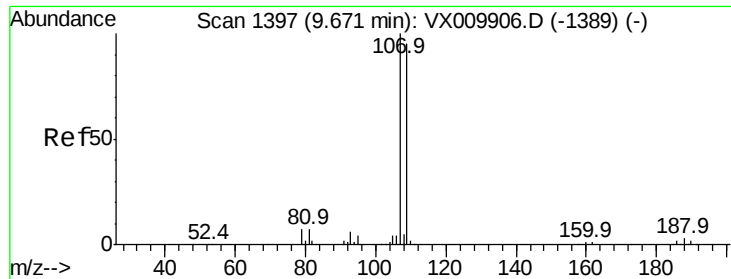
MMDadoda
5/31/2019 9:23:42 AM



#60
Dibromochloromethane
Concen: 49.638 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion: 129 Resp: 96159
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.268 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 97655

Ion Ratio Lower Upper

107 100

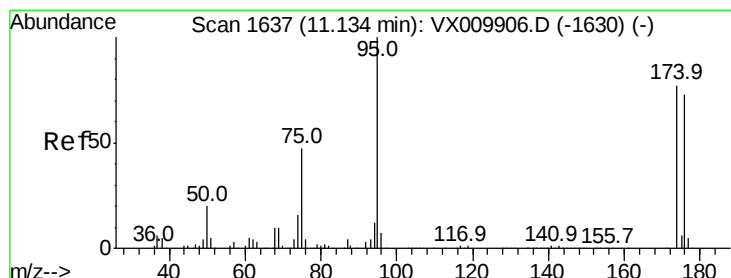
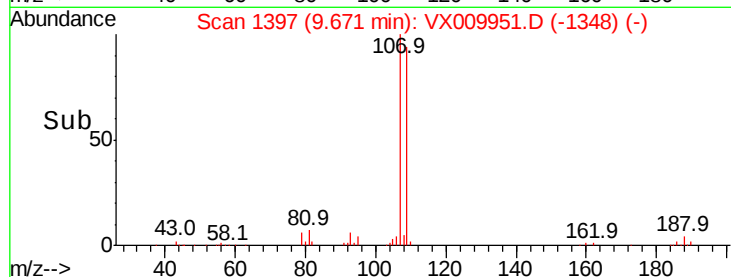
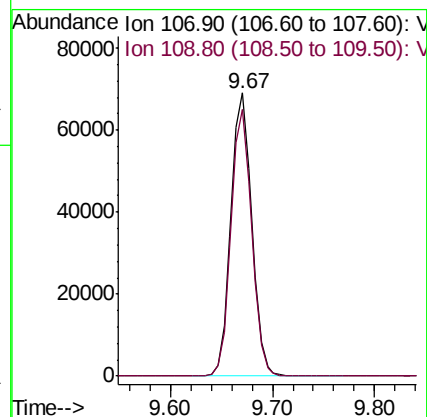
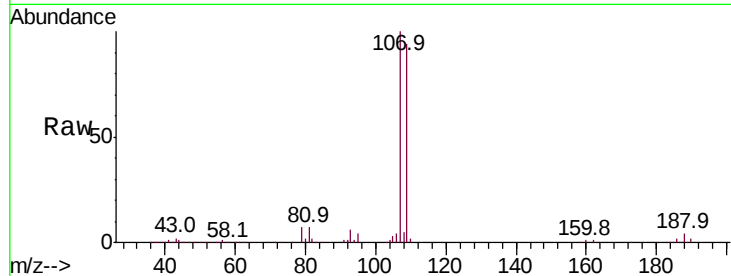
109 93.2 75.4 113.2

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#62

4-Bromofluorobenzene

Concen: 49.004 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

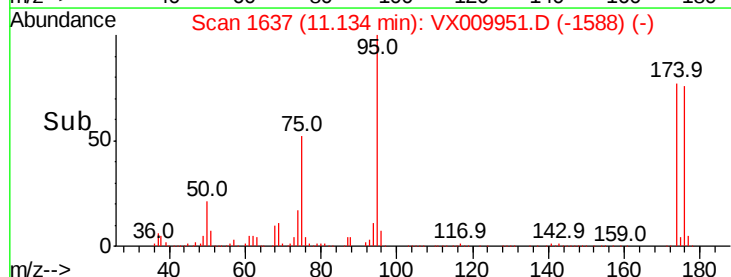
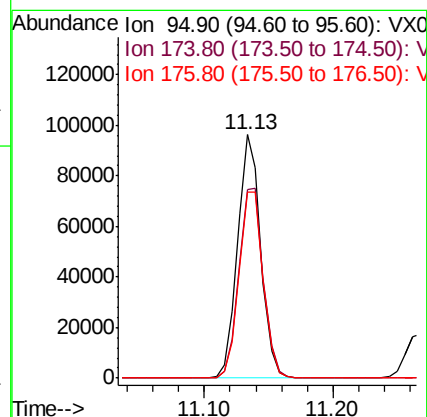
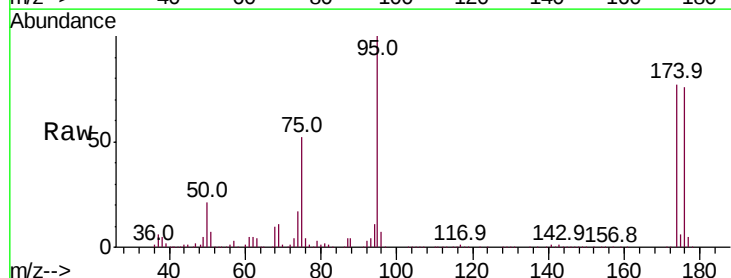
Tgt Ion: 95 Resp: 120315

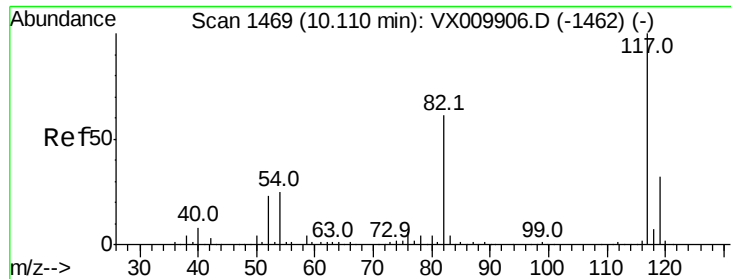
Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.4

176 80.6 0.0 154.6





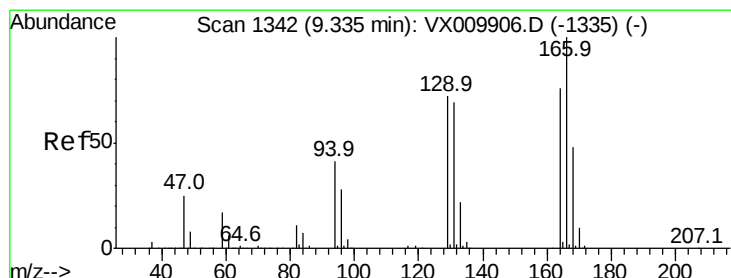
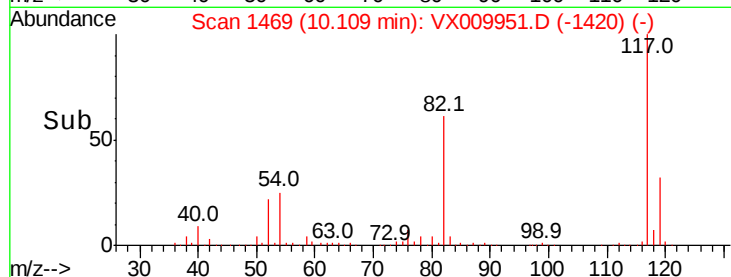
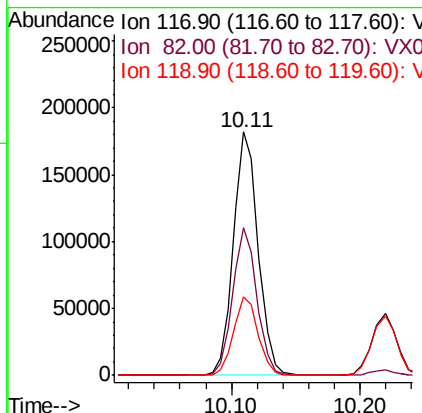
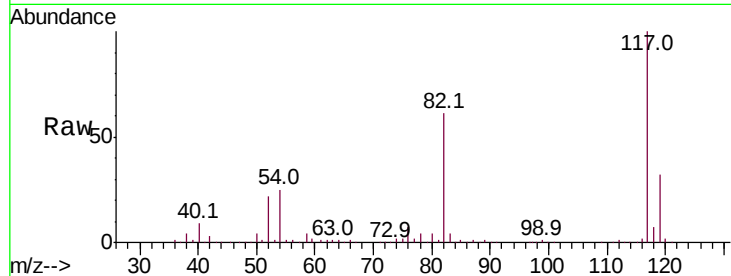
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	49.2	73.8
119	32.2	25.2	37.8

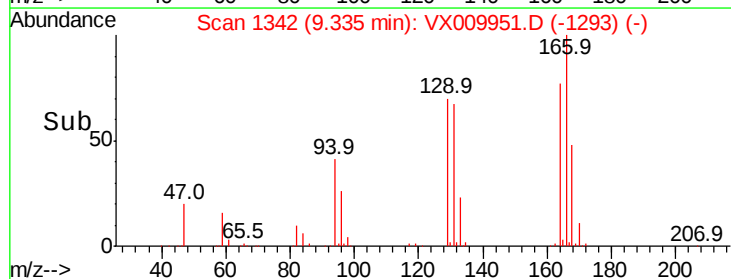
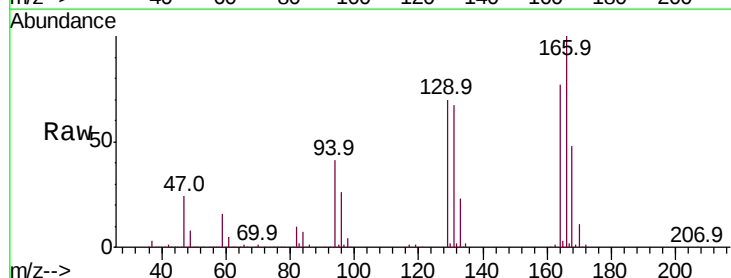
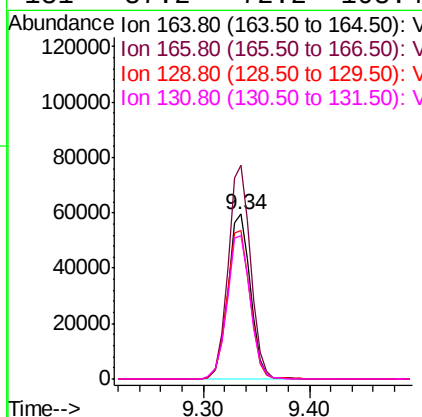
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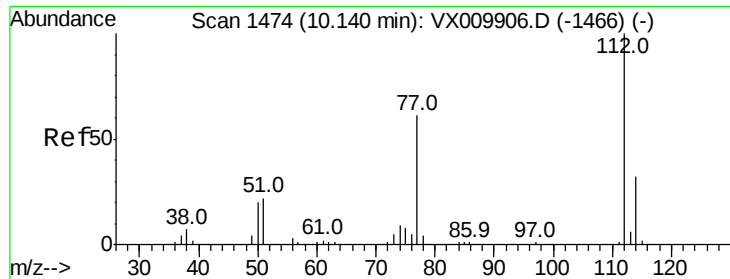
MMDadoda
5/31/2019 9:23:42 AM



#64
Tetrachloroethene
Concen: 52.047 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	105.0	157.4
129	90.1	75.1	112.7
131	87.2	72.2	108.4





#65

Chlorobenzene

Concen: 48.856 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 248570

Ion Ratio Lower Upper

112 100

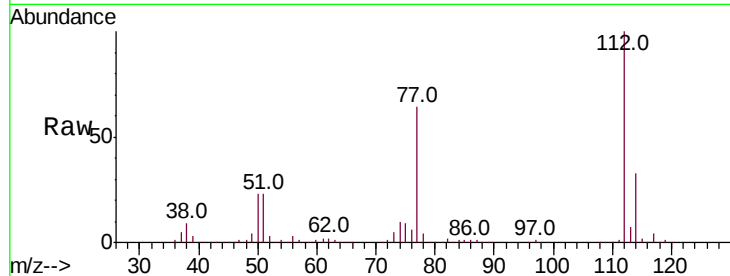
114 33.1 25.8 38.8

Manual Integrations

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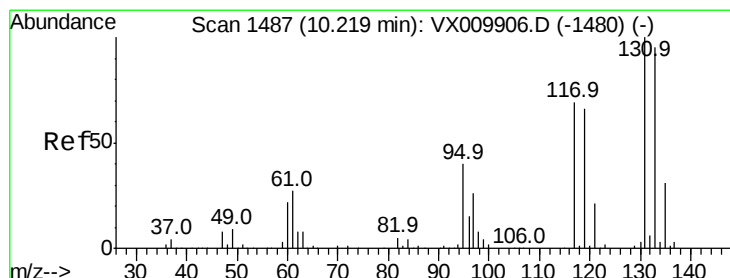
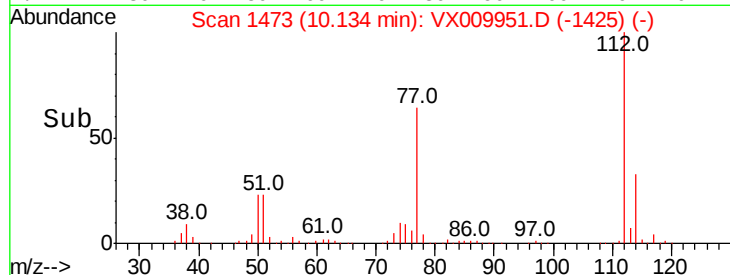
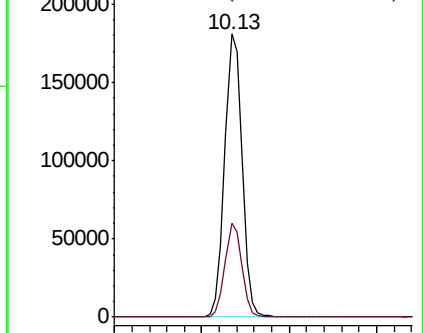
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.619 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

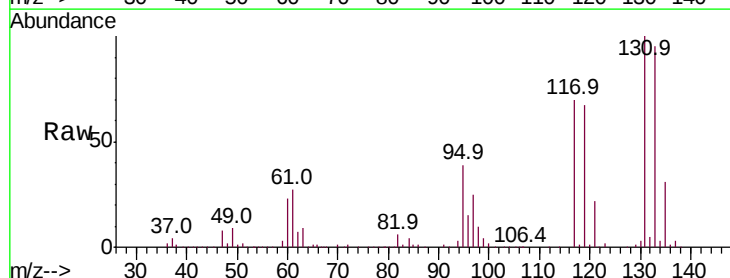
Tgt Ion:131 Resp: 89325

Ion Ratio Lower Upper

131 100

133 94.5 47.5 142.6

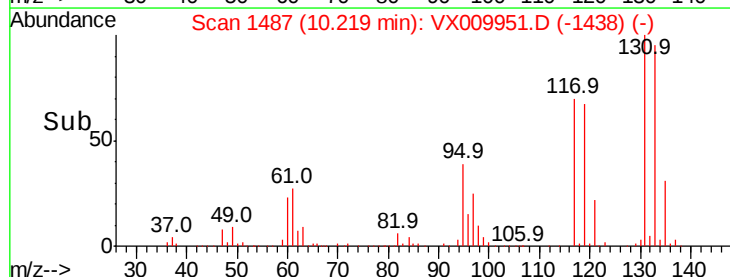
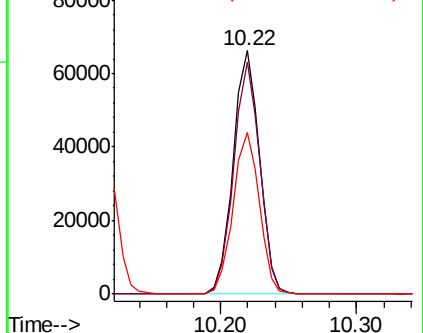
119 66.3 33.4 100.1

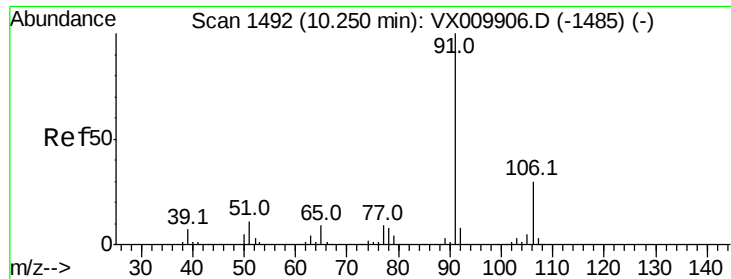


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





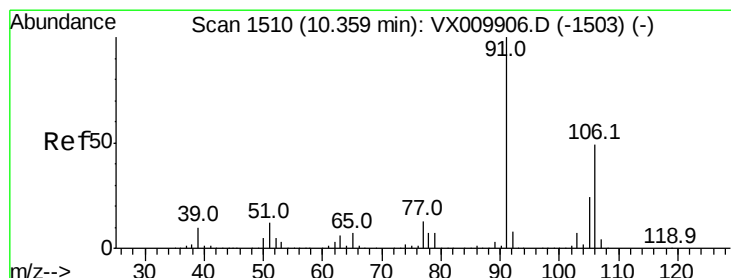
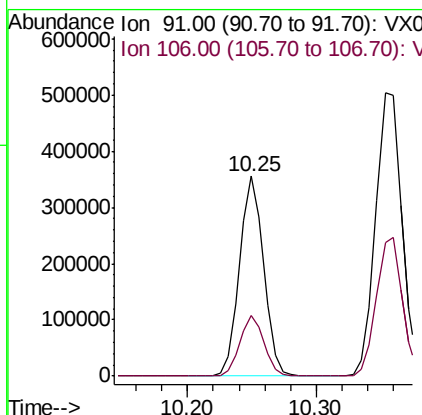
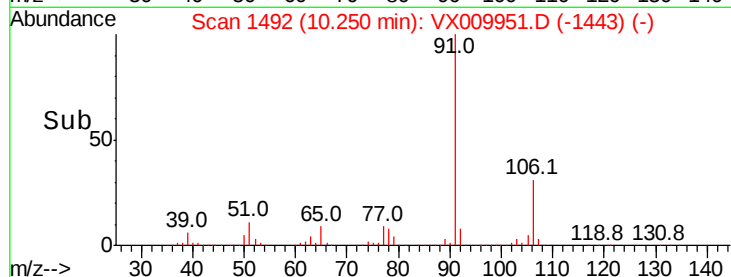
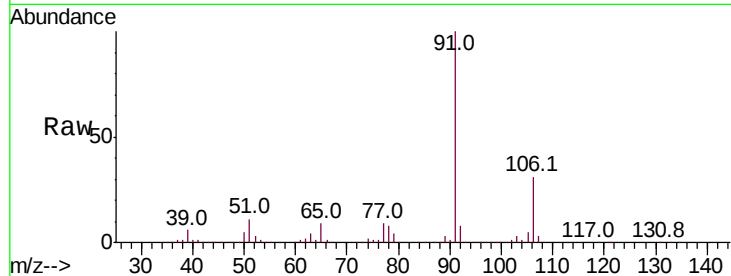
#67
Ethyl Benzene
Concen: 50.520 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 461510
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9

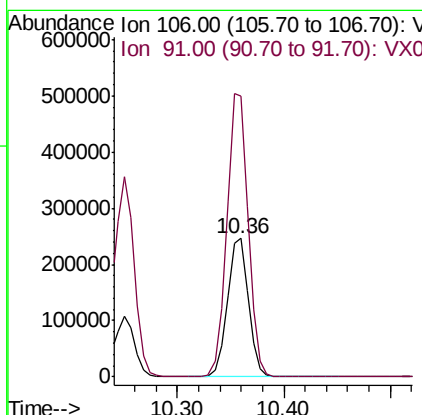
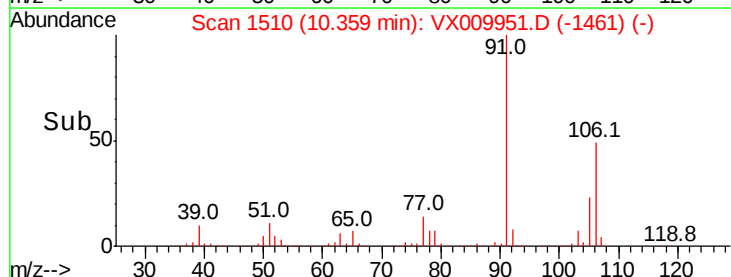
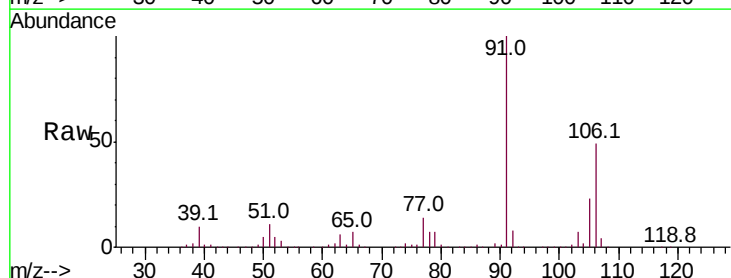
Manual Integrations
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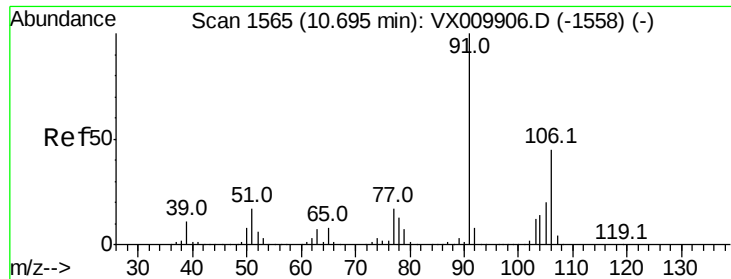
MMDadoda
5/31/2019 9:23:42 AM



#68
m/p-Xylenes
Concen: 101.074 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion: 106 Resp: 341113
Ion Ratio Lower Upper
106 100
91 207.1 167.3 250.9





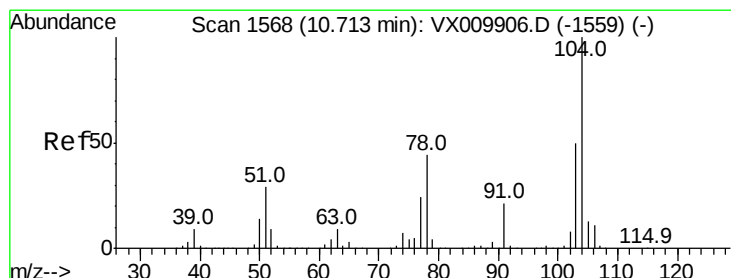
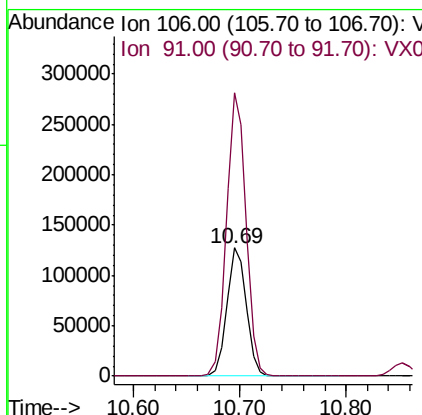
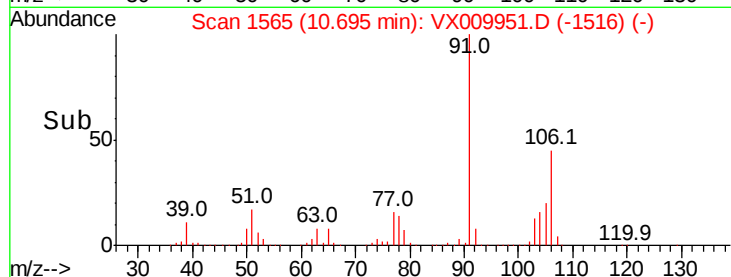
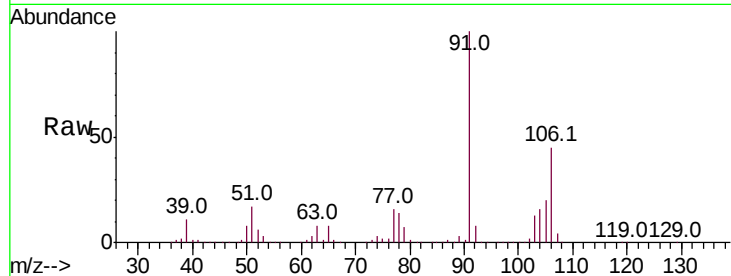
#69
o-Xylene
Concen: 50.389 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 163091
Ion Ratio Lower Upper
106 100
91 220.6 110.4 331.2

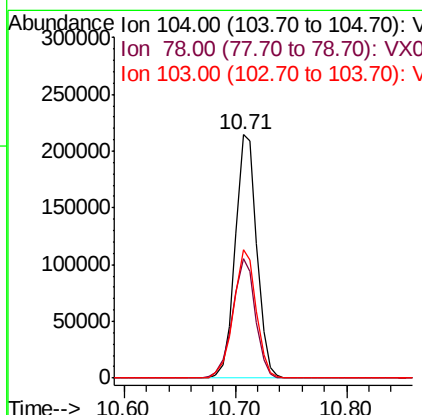
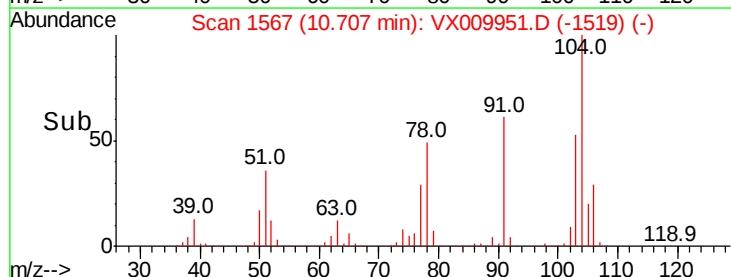
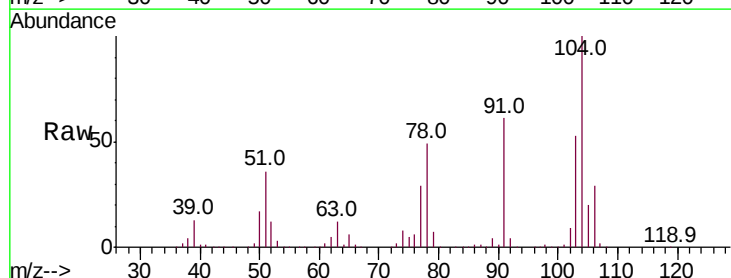
Manual Integrations
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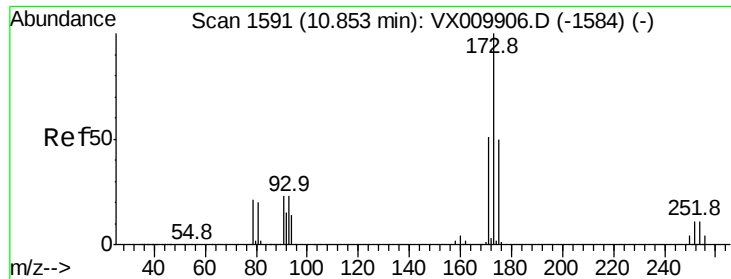
MMDadoda
5/31/2019 9:23:42 AM



#70
Styrene
Concen: 50.636 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion:104 Resp: 287384
Ion Ratio Lower Upper
104 100
78 52.2 42.1 63.1
103 55.5 44.1 66.1





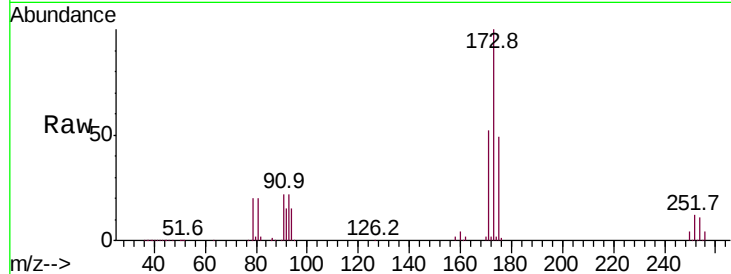
#71
Bromoform
Concen: 52.100 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	25.0	75.0
254	0.2	0.2	0.2

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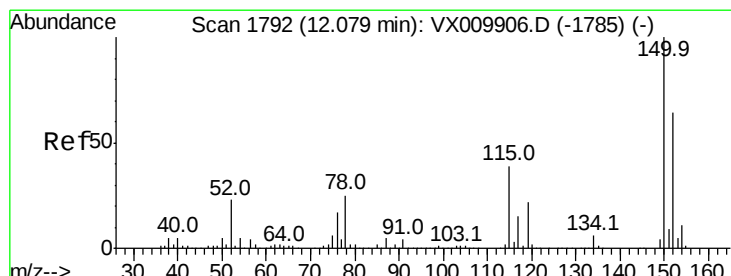
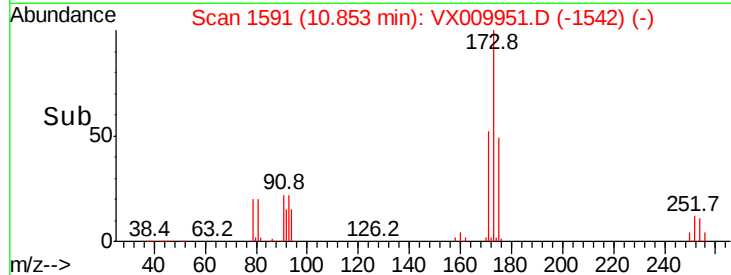
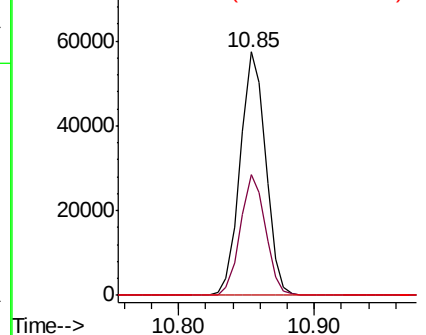


Abundance

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: VX009951.D
Acq: 30 May 2019 11:06

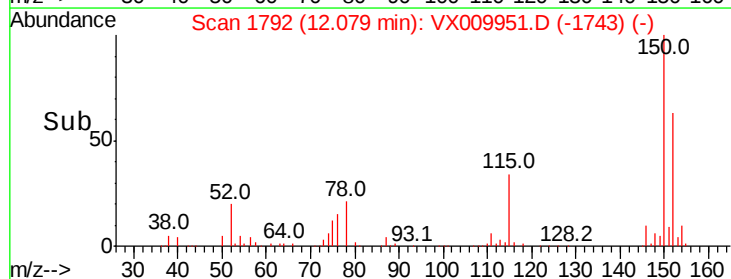
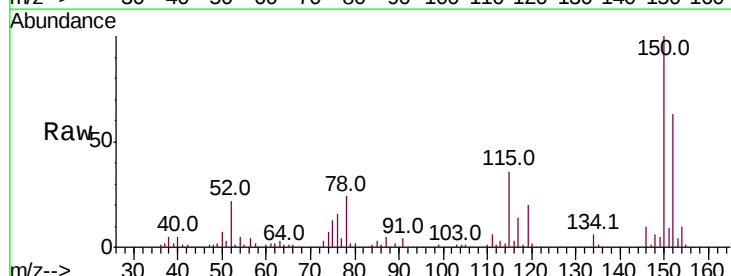
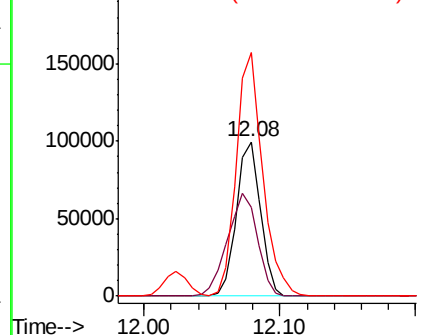
Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.6	41.4	124.2
150	173.1	0.0	345.2

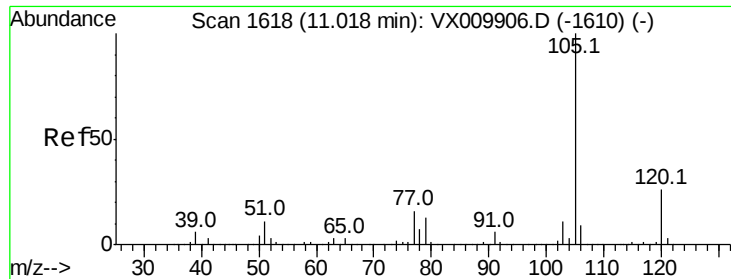
Abundance

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: 48.738 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 440226

Ion Ratio Lower Upper

105 100

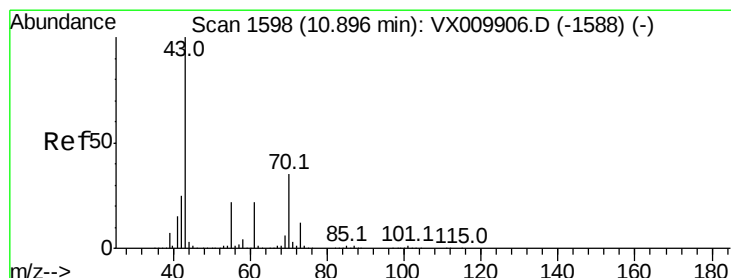
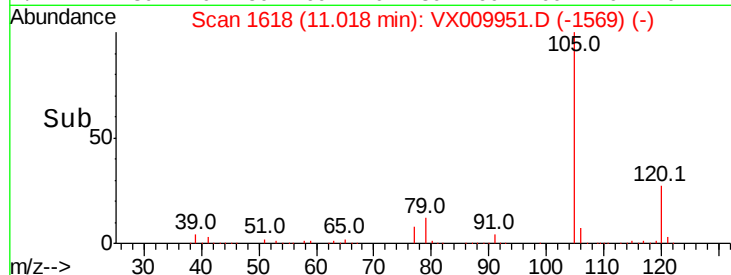
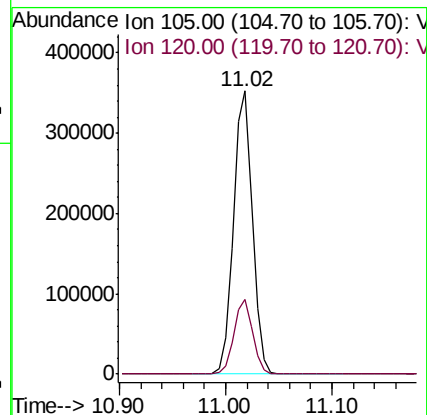
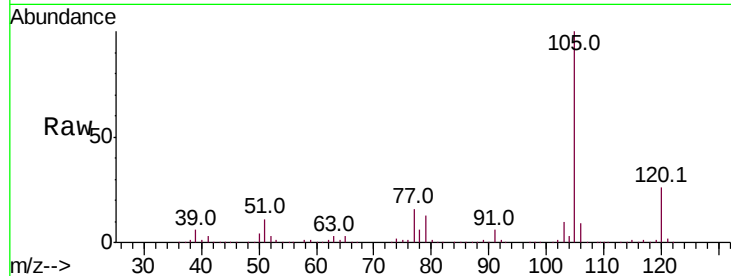
120 26.0 12.8 38.4

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#74

N-ethyl acetate

Concen: 47.005 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Tgt Ion: 43 Resp: 253701

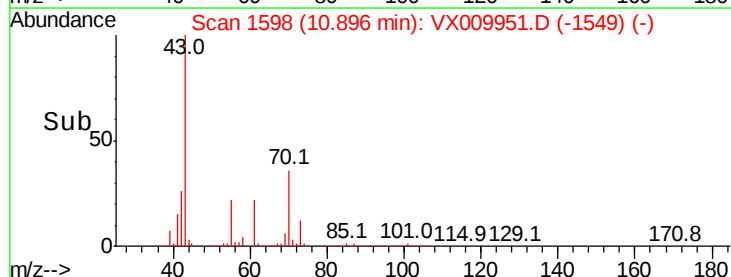
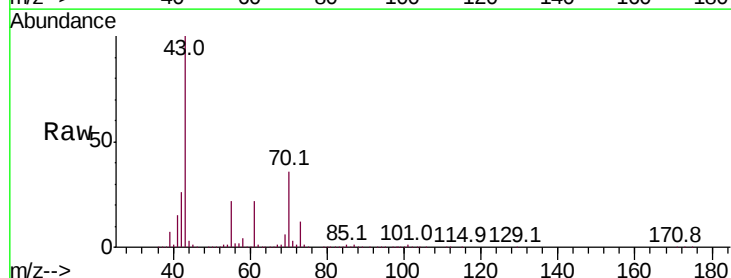
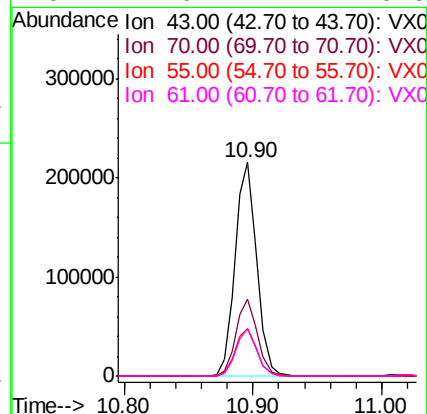
Ion Ratio Lower Upper

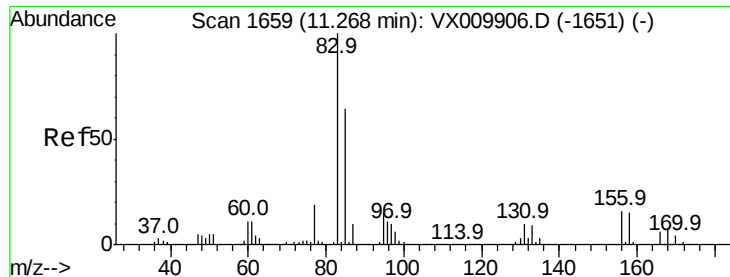
43 100

70 35.8 28.6 43.0

55 22.4 17.8 26.8

61 21.6 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.872 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 154578

Ion Ratio Lower Upper

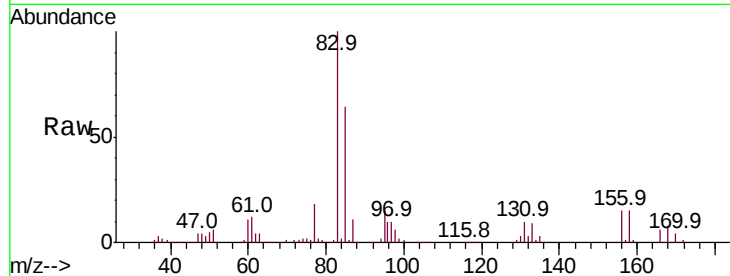
83 100

131 9.4 4.7 14.1

85 64.1 31.9 95.9

Manual Integrations
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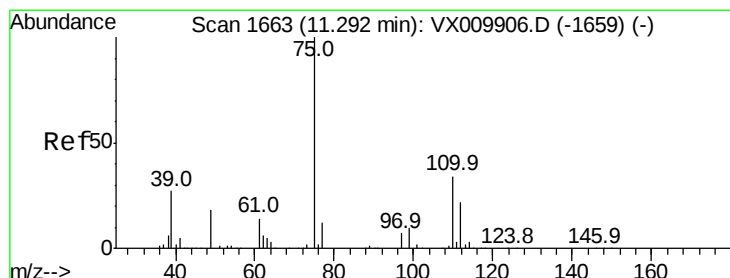
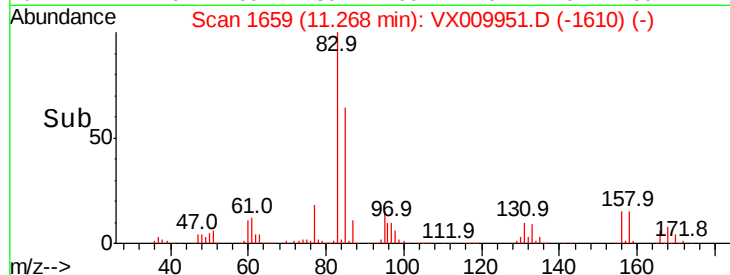
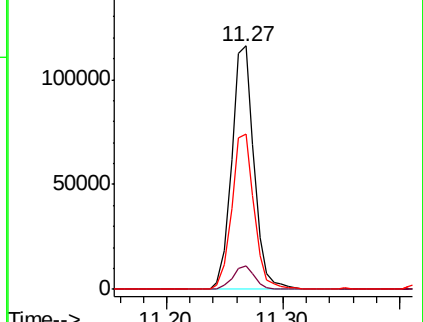
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 46.984 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009951.D

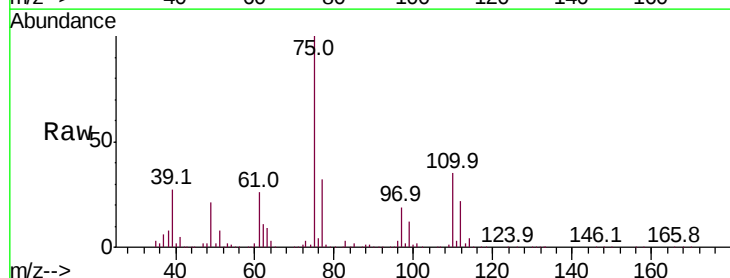
Acq: 30 May 2019 11:06

Tgt Ion: 75 Resp: 137542

Ion Ratio Lower Upper

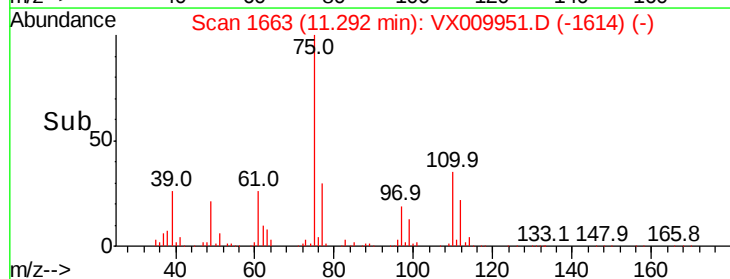
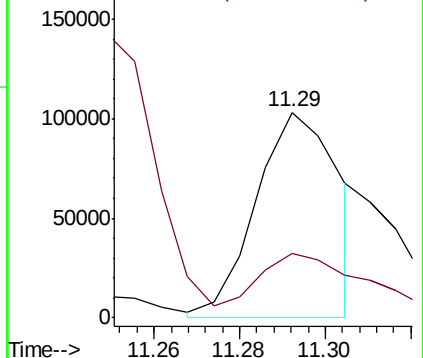
75 100

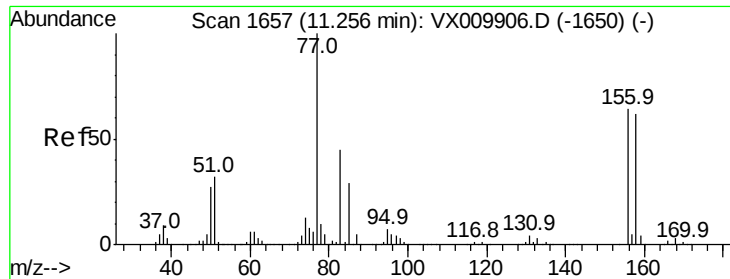
77 42.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.808 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 110048

Ion Ratio Lower Upper

156 100

77 167.2 86.8 260.3

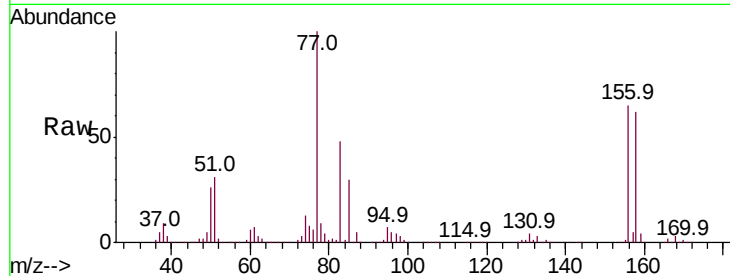
158 96.6 49.6 148.8

Manual Integrations

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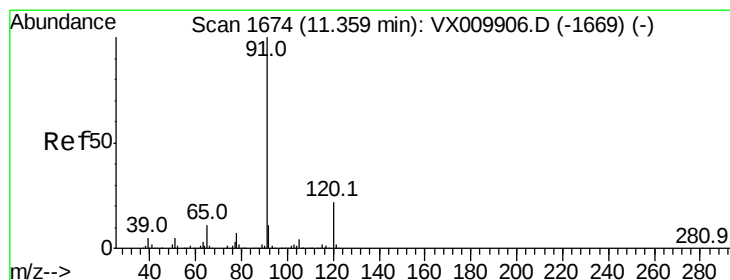
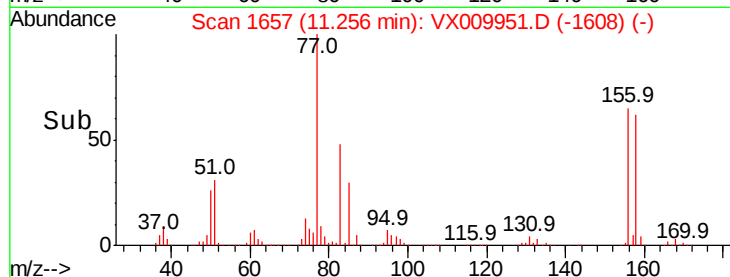
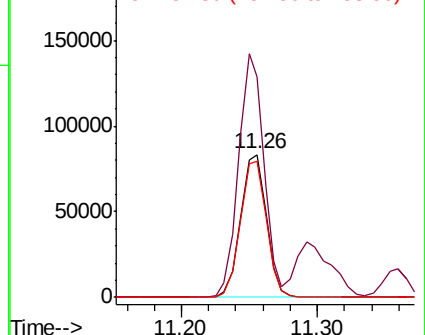
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.005 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009951.D

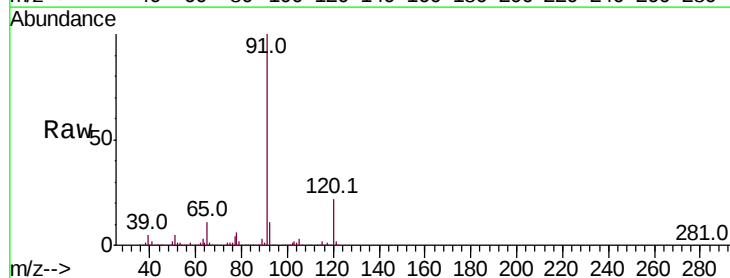
Acq: 30 May 2019 11:06

Tgt Ion: 91 Resp: 520618

Ion Ratio Lower Upper

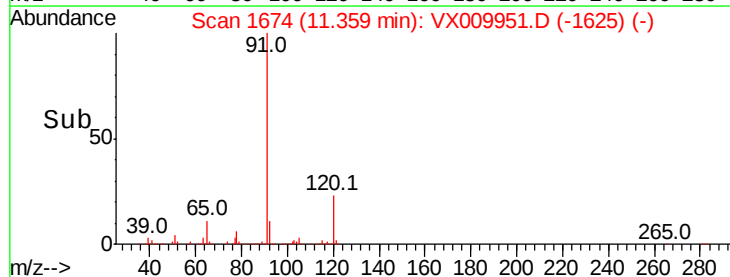
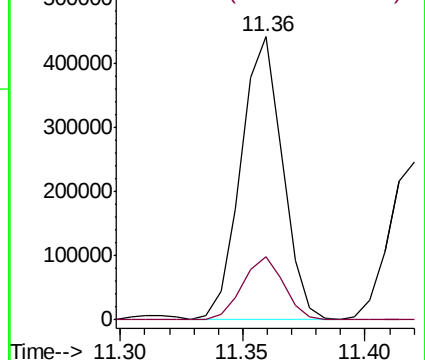
91 100

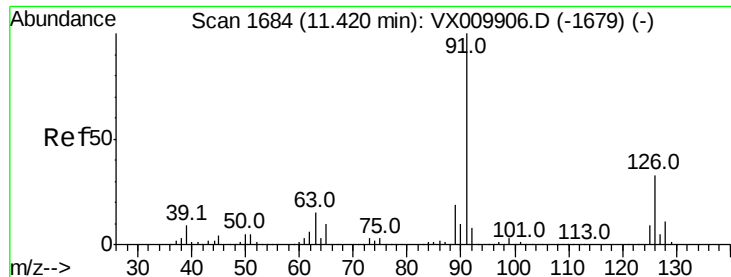
120 22.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.900 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 304691

Ion Ratio Lower Upper

91 100

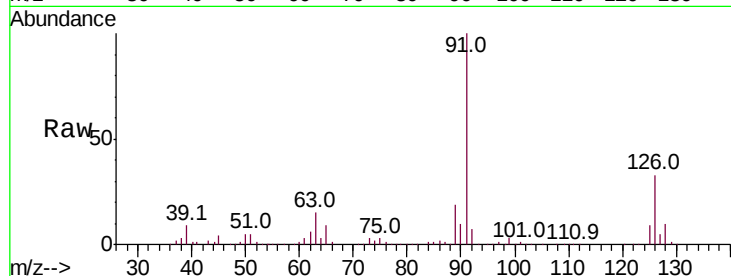
126 33.0 16.1 48.3

Manual Integrations

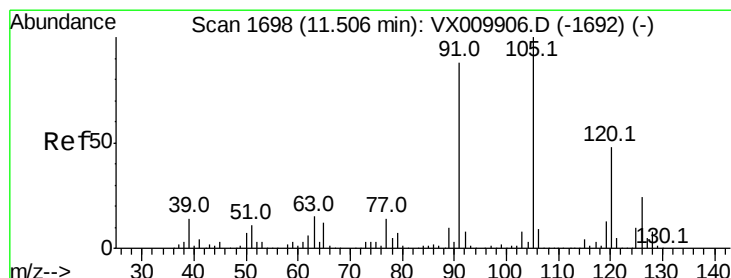
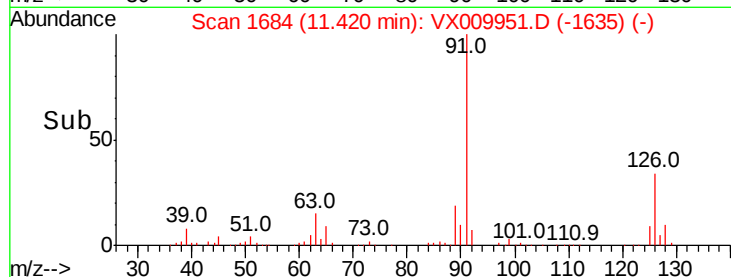
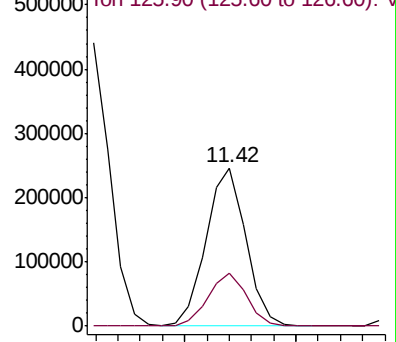
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Abundance Ion 91.00 (90.70 to 91.70): VX009951.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.375 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009951.D

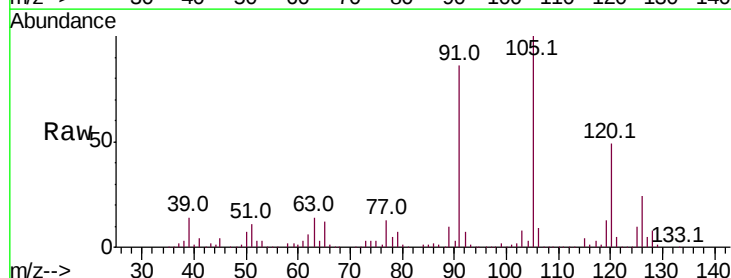
Acq: 30 May 2019 11:06

Tgt Ion: 105 Resp: 375719

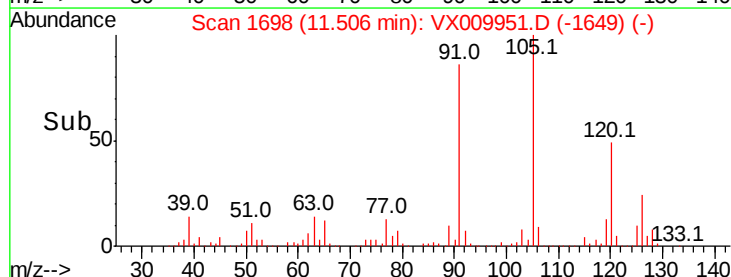
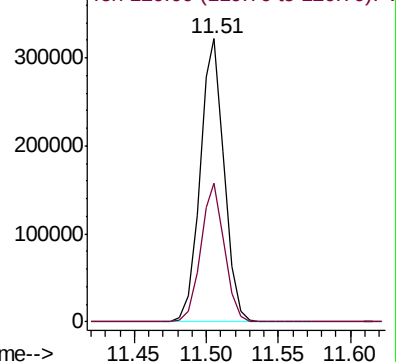
Ion Ratio Lower Upper

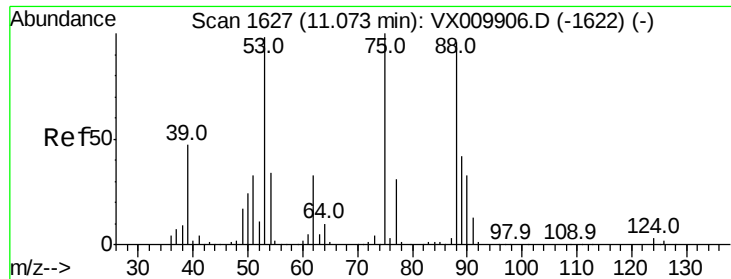
105 100

120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX009951.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.752 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009951.D

Acq: 30 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 54134

Ion Ratio Lower Upper

75 100

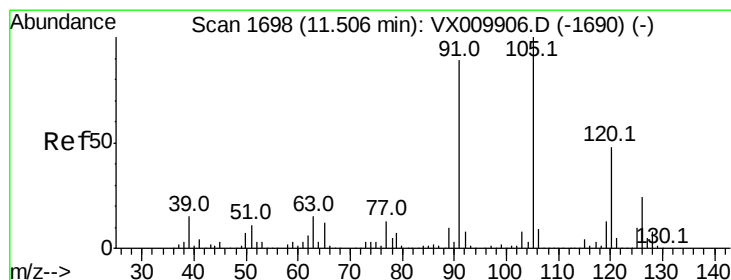
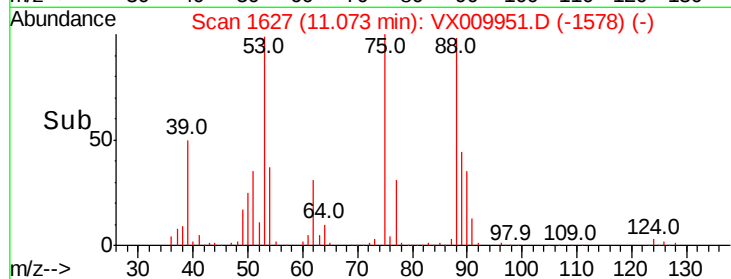
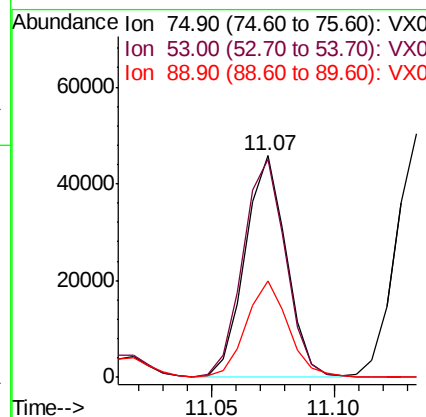
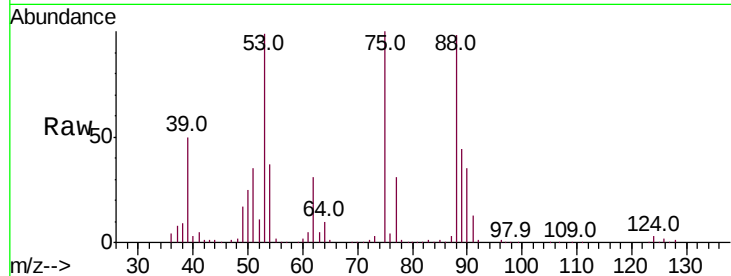
53 101.7 79.8 119.6

89 44.3 34.2 51.4

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#82

4-Chlorotoluene

Concen: 47.827 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009951.D

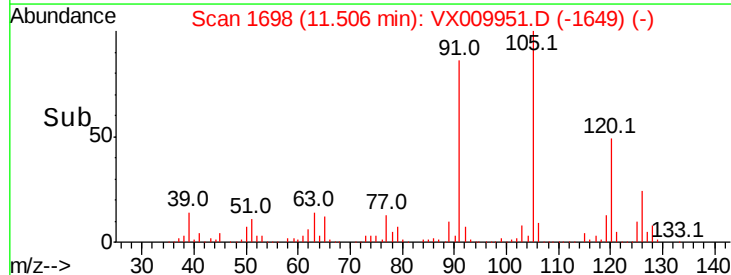
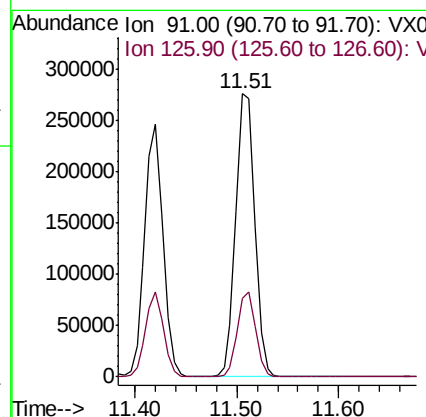
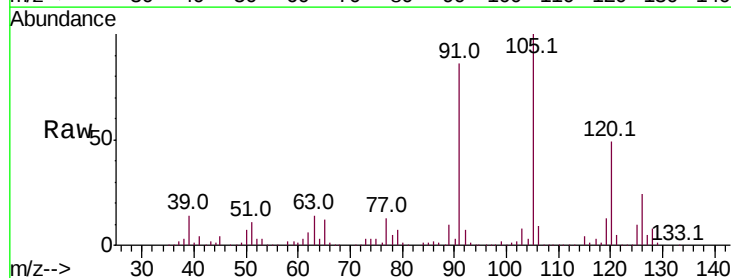
Acq: 30 May 2019 11:06

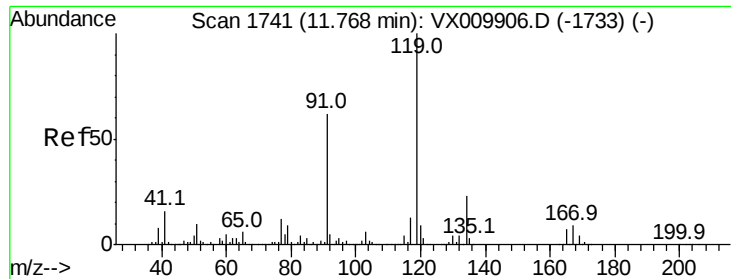
Tgt Ion: 91 Resp: 354156

Ion Ratio Lower Upper

91 100

126 28.7 14.2 42.6





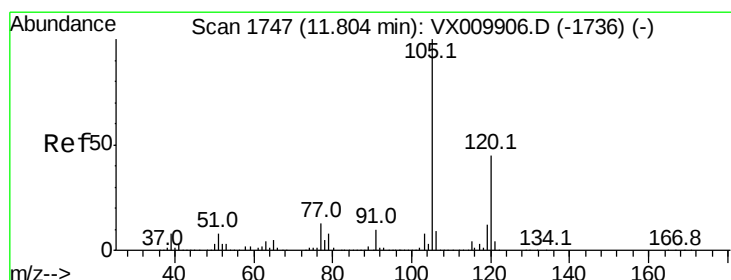
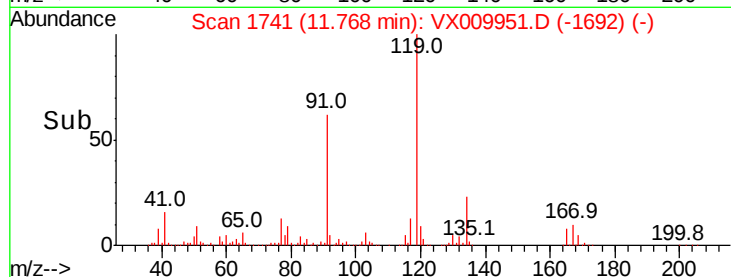
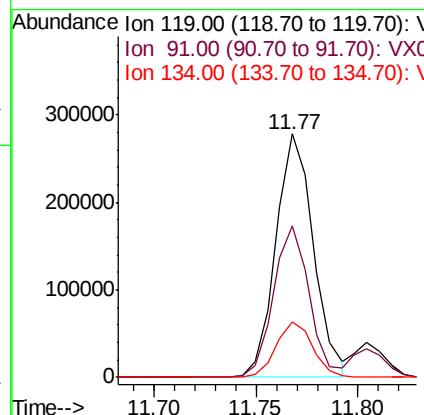
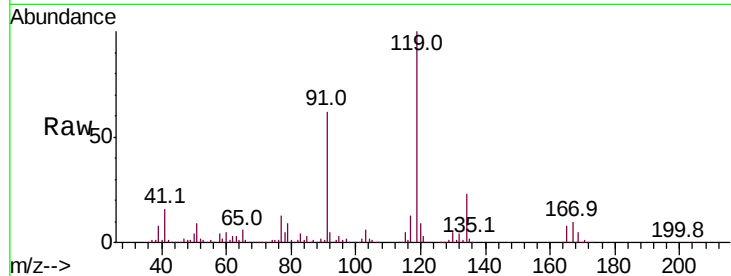
#83
tert-Butylbenzene
Concen: 49.248 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	358526		
91	59.4	30.0	90.0	
134	22.3	11.2	33.5	

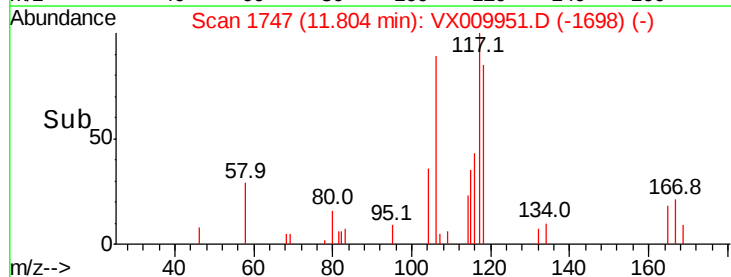
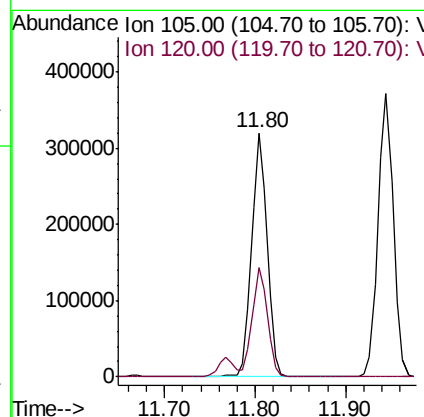
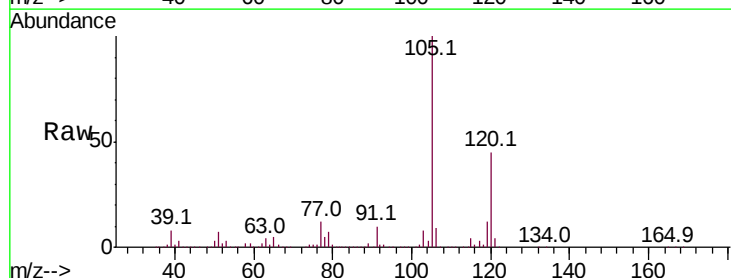
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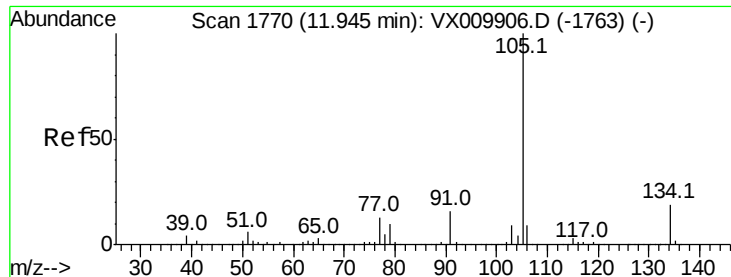
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#84
1,2,4-Trimethylbenzene
Concen: 49.278 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	380811		
120	44.6	22.1	66.1	





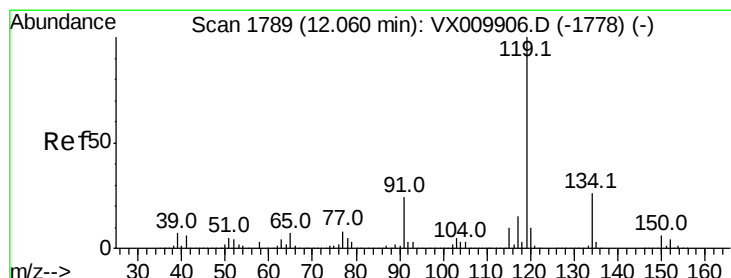
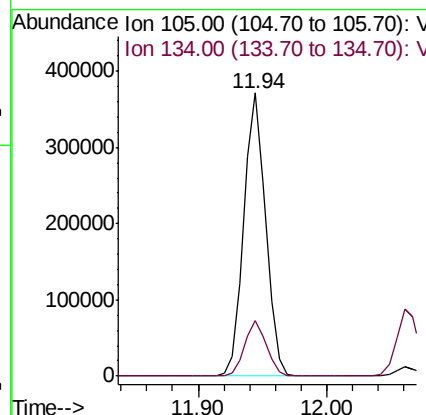
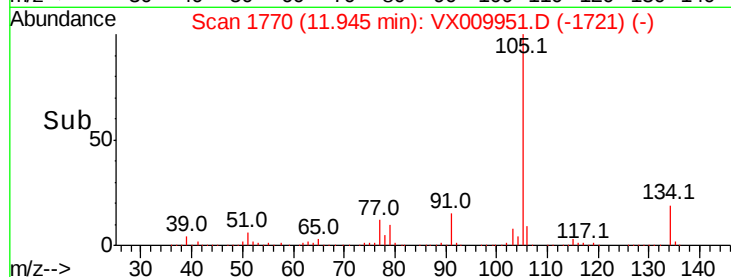
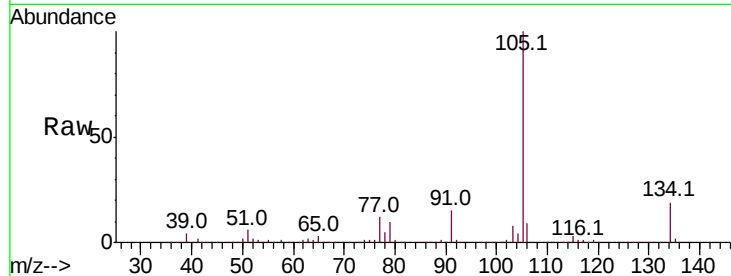
#85
 sec-Butylbenzene
 Concen: 50.274 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.7	28.9

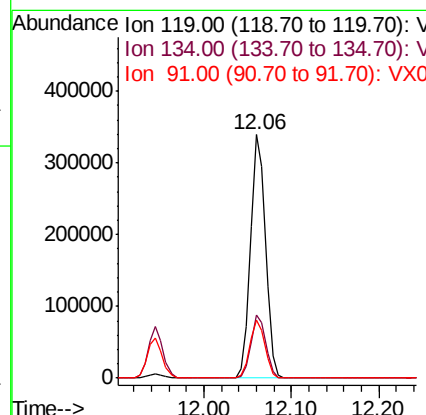
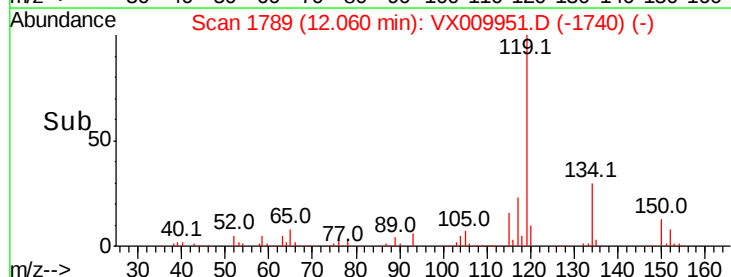
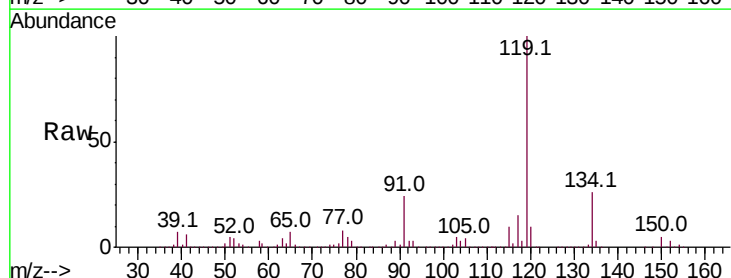
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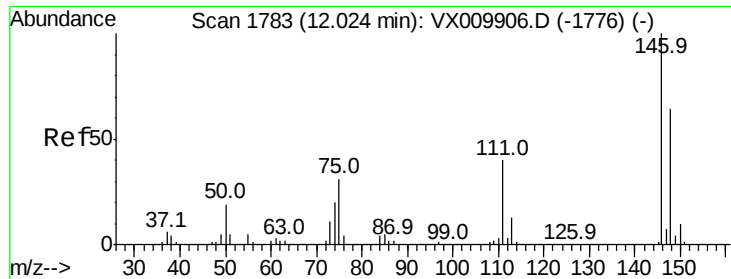
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#86
 p-Isopropyltoluene
 Concen: 51.650 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.6
91	24.0	11.9	35.9





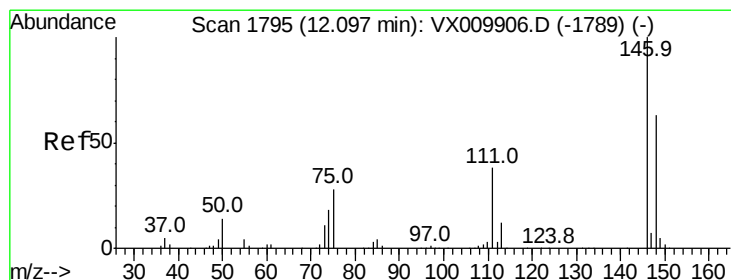
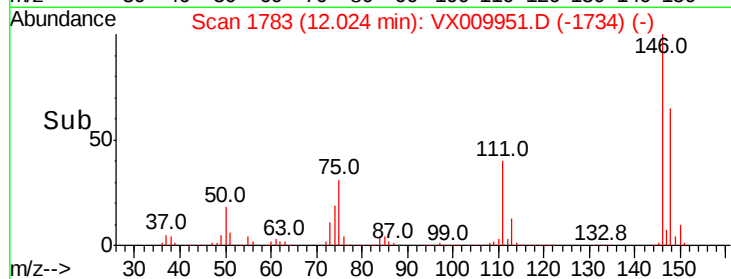
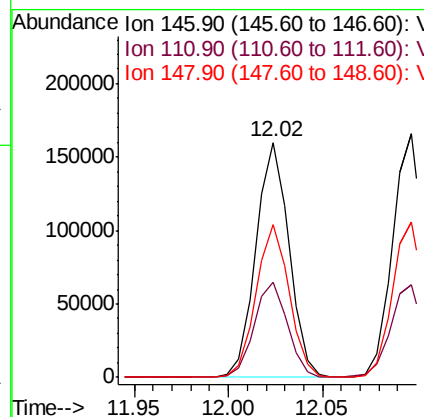
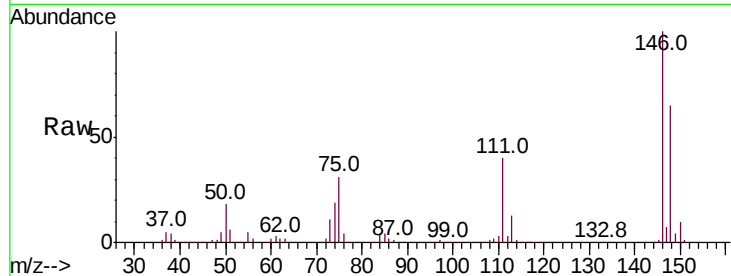
#87
 1,3-Dichlorobenzene
 Concen: 47.521 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.1	60.2
148	64.8	31.9	95.5

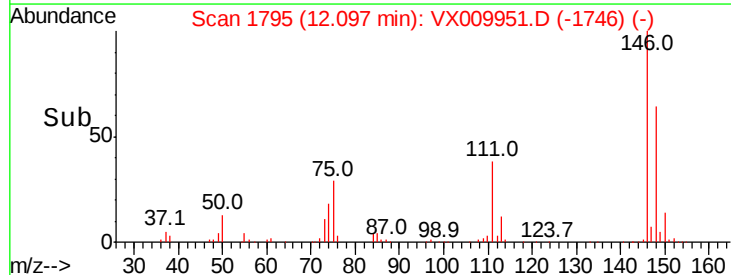
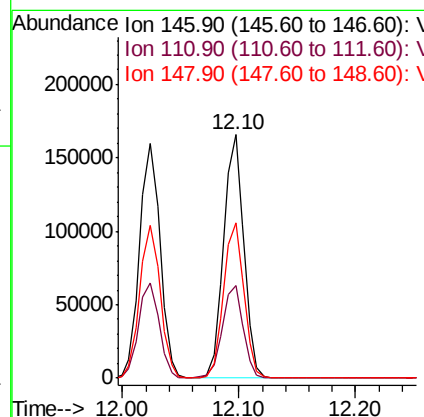
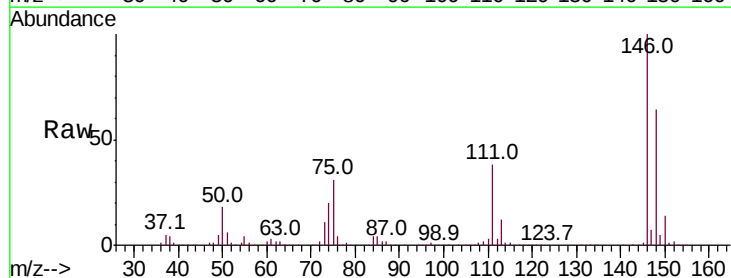
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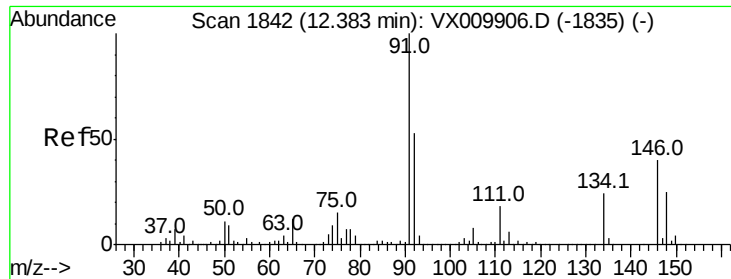
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 5/31/2019 9:23:42 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.255 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	59.9
148	64.3	32.3	96.9





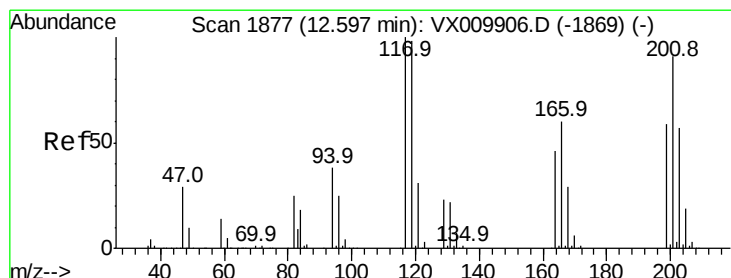
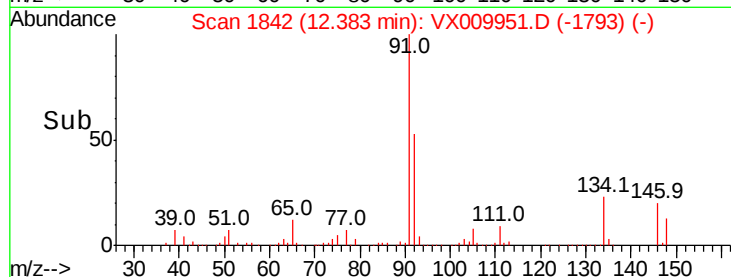
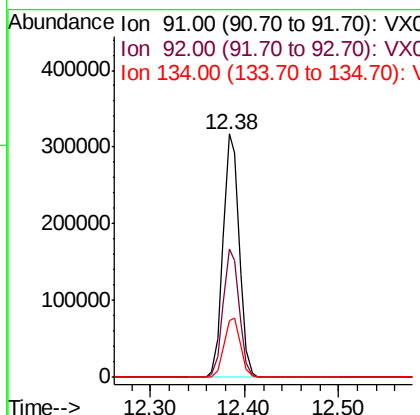
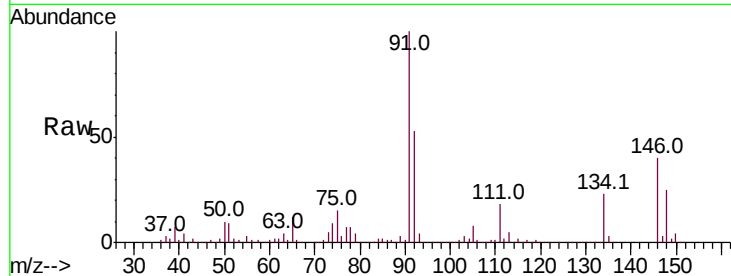
#89
n-Butylbenzene
Concen: 51.269 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.3	78.8
134	24.7	12.3	36.8

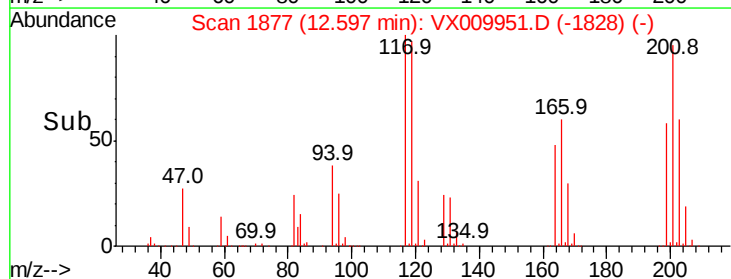
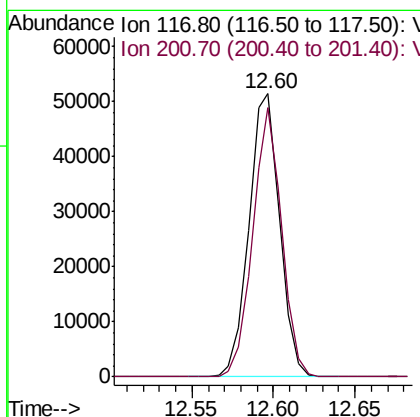
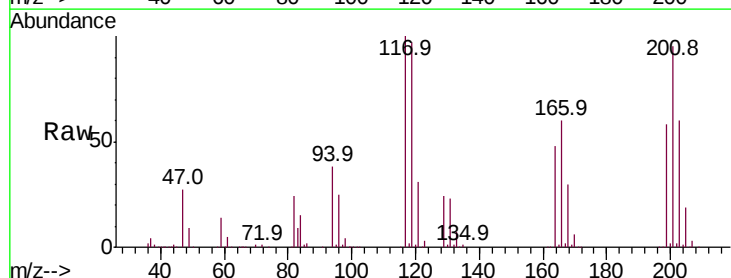
Manual Integrations
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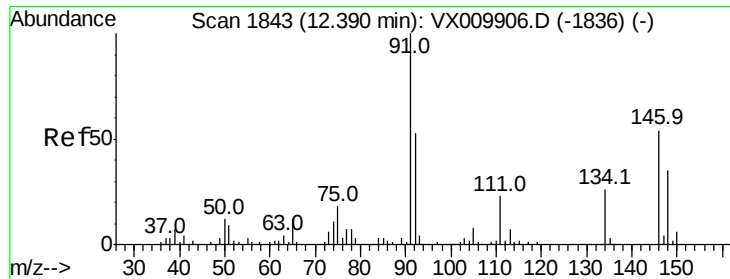
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#90
Hexachloroethane
Concen: 50.436 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	43.6	130.9





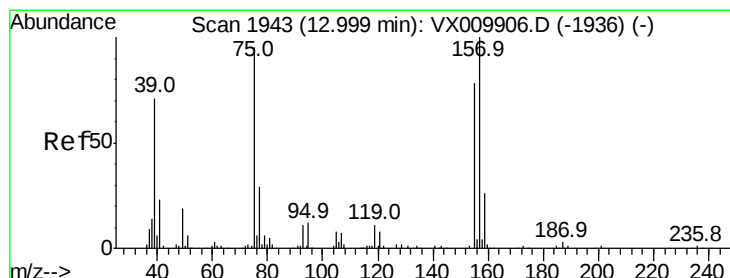
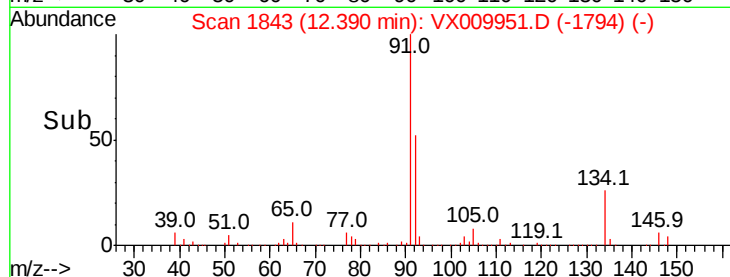
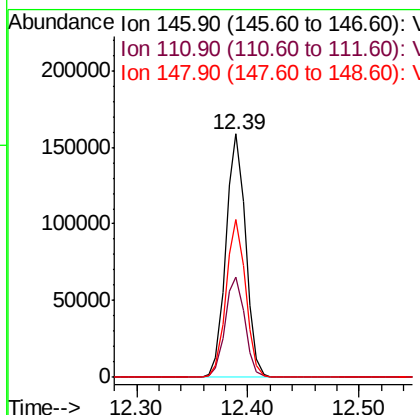
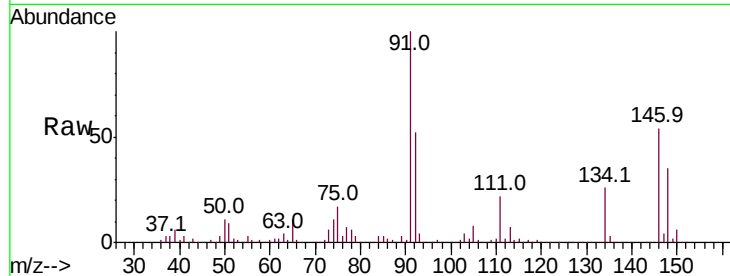
#91
 1,2-Dichlorobenzene
 Concen: 48.112 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	194392		
111	41.3	21.1	63.1	
148	64.0	32.3	96.8	

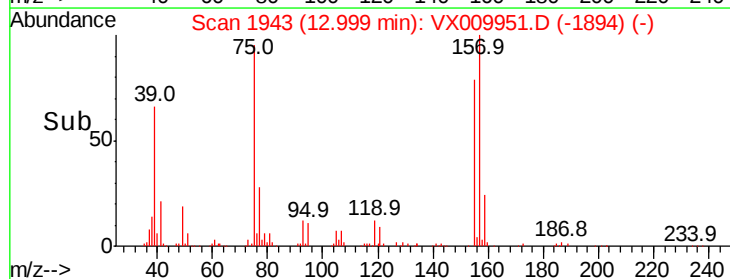
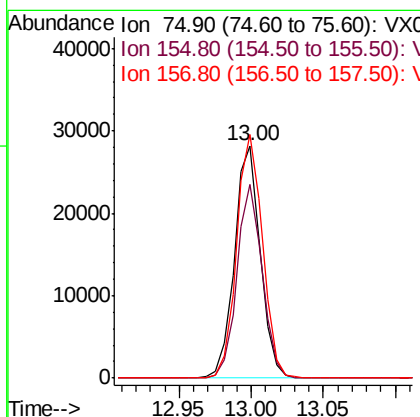
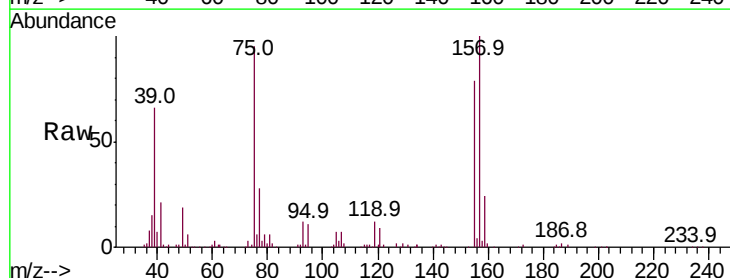
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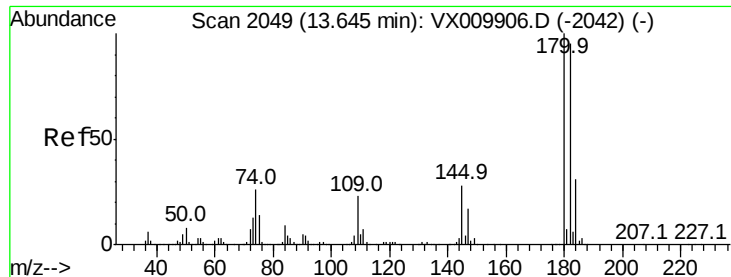
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.509 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35304		
155	81.1	39.3	117.8	
157	104.8	50.6	151.8	





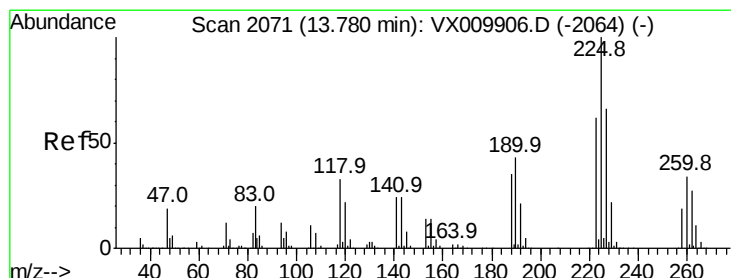
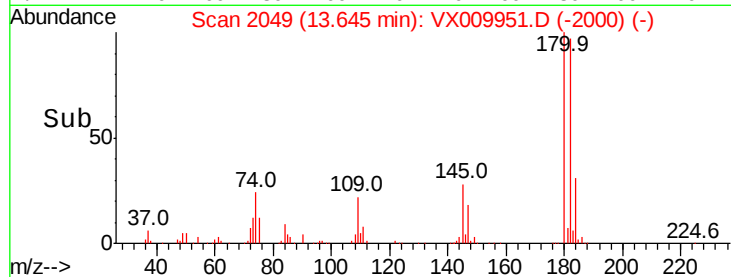
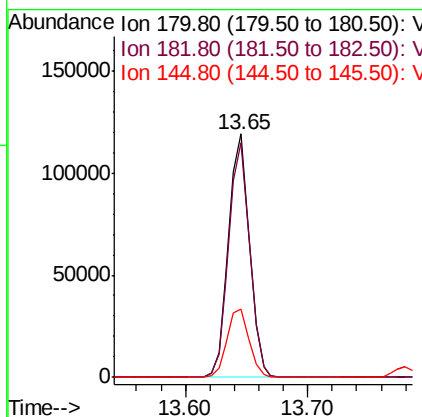
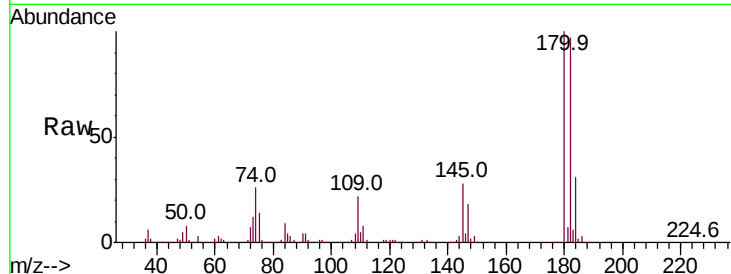
#93
 1,2,4-Trichlorobenzene
 Concen: 49.015 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	47.4	142.2	
145	29.4	14.5	43.5	

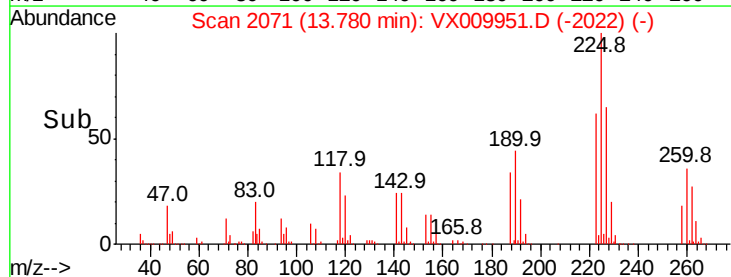
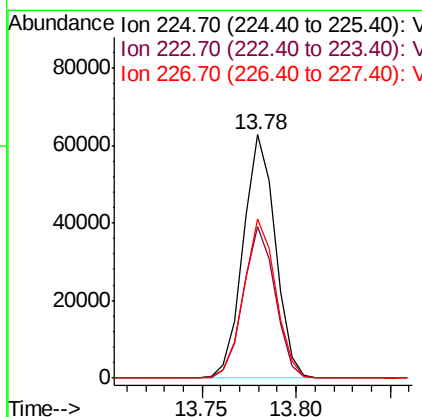
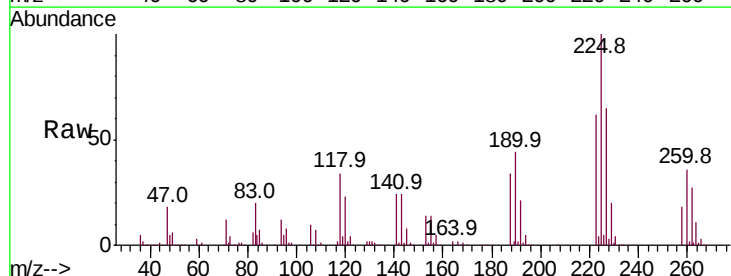
Manual Integrations
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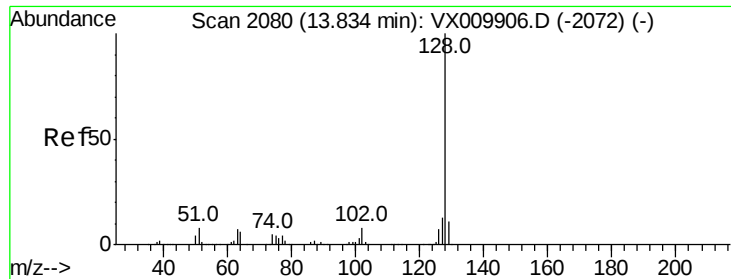
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 5/31/2019 9:23:42 AM



#94
 Hexachlorobutadiene
 Concen: 51.216 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009951.D
 Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	31.3	93.8	
227	65.0	32.3	96.8	





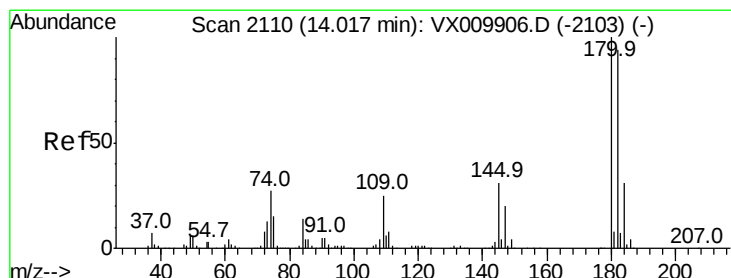
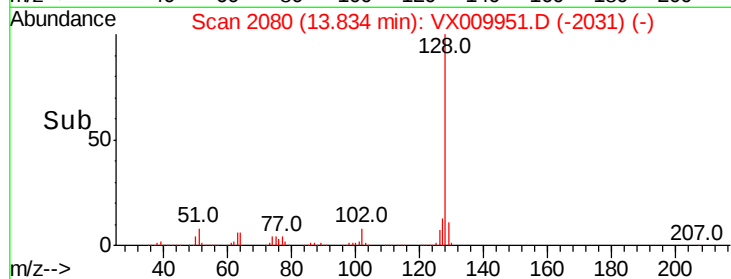
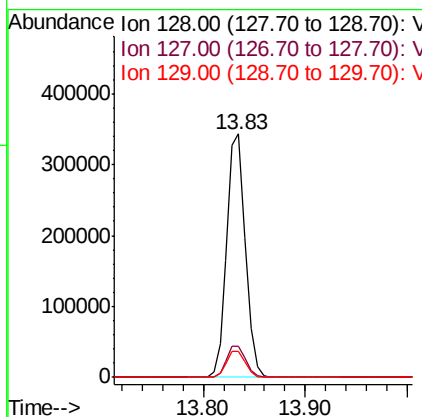
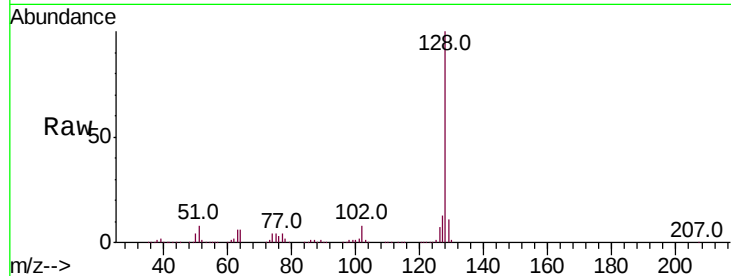
#95
Naphthalene
Concen: 47.962 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.1	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 48.902 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009951.D
Acq: 30 May 2019 11:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	30.8	15.6	46.7

