

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011087.D
 Acq On : 26 Jul 2019 13:52
 Operator : JC/SP
 Sample : VX0726WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:53:39 AM

Quant Time: Jul 27 03:14:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105511	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	5.50	113	94046	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.71	98	346304	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	128420	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38086	18.207	ug/l	100
3) Chloromethane	1.33	50	33632	18.283	ug/l	100
4) Vinyl Chloride	1.41	62	35431	18.884	ug/l	98
5) Bromomethane	1.64	94	21541	20.373	ug/l	98
6) Chloroethane	1.72	64	23935	20.074	ug/l	98
7) Trichlorofluoromethane	1.93	101	61892	19.487	ug/l	98
8) Diethyl Ether	2.19	74	20661	18.881	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34154	18.834	ug/l	99
10) Methyl Iodide	2.51	142	37238	15.648	ug/l	99
11) Tert butyl alcohol	3.04	59	48679	98.222	ug/l	100
12) 1,1-Dichloroethene	2.37	96	34117	19.148	ug/l	98
13) Acrolein	2.29	56	17733	61.930	ug/l	100
14) Allyl chloride	2.73	41	47708	18.434	ug/l	99
15) Acrylonitrile	3.14	53	96325	96.185	ug/l	99
16) Acetone	2.44	43	88554	92.135	ug/l	95
17) Carbon Disulfide	2.57	76	71343	15.610	ug/l	98
18) Methyl Acetate	2.78	43	45056	20.587	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	111477	19.435	ug/l	95
20) Methylene Chloride	2.85	84	38232	18.770	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	35094	18.563	ug/l	96
22) Diisopropyl ether	3.86	45	106043	19.428	ug/l	91
23) Vinyl Acetate	3.82	43	442114	95.595	ug/l	100
24) 1,1-Dichloroethane	3.70	63	60306	19.024	ug/l	99
25) 2-Butanone	4.67	43	131430	95.261	ug/l	99
26) 2,2-Dichloropropane	4.58	77	48488	18.629	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	40856	18.673	ug/l	99
28) Bromochloromethane	5.02	49	26748	17.906	ug/l	98
29) Tetrahydrofuran	5.13	42	83652	95.717	ug/l	100
30) Chloroform	5.21	83	65783	19.199	ug/l	97
31) Cyclohexane	5.58	56	52511	18.174	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	56101	18.925	ug/l	98
36) 1,1-Dichloropropene	5.80	75	45983	18.855	ug/l	99
37) Ethyl Acetate	4.83	43	47278	18.932	ug/l	96
38) Carbon Tetrachloride	5.79	117	48616	19.131	ug/l	99

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Manual Integrations
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Quant Time: Jul 27 03:14:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	56126	17.747	ug/l	99
40) Benzene	6.14	78	145323	19.453	ug/l	99
41) Methacrylonitrile	5.04	41	26270	18.531	ug/l	98
42) 1,2-Dichloroethane	6.19	62	50239	19.342	ug/l	97
43) Isopropyl Acetate	6.45	43	79202	19.289	ug/l	99
44) Trichloroethene	7.21	130	41182	18.624	ug/l	88
45) 1,2-Dichloropropane	7.51	63	35907	18.885	ug/l	98
46) Dibromomethane	7.66	93	26155	19.251	ug/l	99
47) Bromodichloromethane	7.90	83	46783	19.344	ug/l	100
48) Methyl methacrylate	7.77	41	38374	19.184	ug/l	98
49) 1,4-Dioxane	7.74	88	22620	404.265	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	261513	98.248	ug/l	100
52) Toluene	8.78	92	94190	19.193	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	48991	18.839	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	54459	18.820	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	39746	19.670	ug/l	97
56) Ethyl methacrylate	9.18	69	57315	19.391	ug/l	97
57) 1,3-Dichloropropane	9.37	76	62344	19.449	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	138920	98.459	ug/l	99
59) 2-Hexanone	9.49	43	203186	98.419	ug/l	99
60) Dibromochloromethane	9.58	129	38451	18.226	ug/l	97
61) 1,2-Dibromoethane	9.67	107	41154	19.191	ug/l	99
64) Tetrachloroethene	9.34	164	40548	19.203	ug/l	95
65) Chlorobenzene	10.13	112	105002	19.046	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	38494	19.867	ug/l	99
67) Ethyl Benzene	10.25	91	183425	19.547	ug/l	99
68) m/p-Xylenes	10.36	106	140633	39.069	ug/l	99
69) o-Xylene	10.69	106	67757	19.287	ug/l	99
70) Styrene	10.71	104	115427	19.710	ug/l	100
71) Bromoform	10.85	173	28268	17.755	ug/l	100
73) Isopropylbenzene	11.02	105	183729	19.079	ug/l	99
74) N-amyl acetate	10.90	43	69615	18.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60710	19.265	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	50505m	19.638	ug/l	
77) Bromobenzene	11.26	156	49629	18.684	ug/l	98
78) n-propylbenzene	11.36	91	204372	19.208	ug/l	99
79) 2-Chlorotoluene	11.42	91	123396	19.306	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	156017	19.389	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15255	17.812	ug/l	92
82) 4-Chlorotoluene	11.51	91	141849	19.068	ug/l	99
83) tert-Butylbenzene	11.77	119	152153	19.251	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	156000	19.235	ug/l	100
85) sec-Butylbenzene	11.94	105	183948	19.862	ug/l	100
86) p-Isopropyltoluene	12.06	119	166528	19.450	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	90119	19.550	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	88710	18.764	ug/l	98
89) n-Butylbenzene	12.38	91	140117	19.129	ug/l	100
90) Hexachloroethane	12.59	117	24175	17.902	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	90877	19.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13207	20.049	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

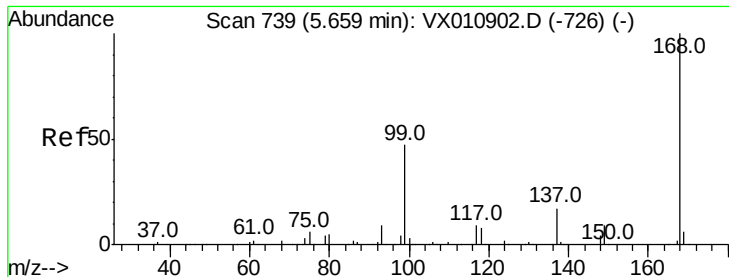
Manual Integrations
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7/29/2019 11:53:39 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61463	19.852	ug/l	97
94) Hexachlorobutadiene	13.78	225	30400	19.814	ug/l	98
95) Naphthalene	13.83	128	192191	21.021	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	61325	19.907	ug/l	98

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



#1

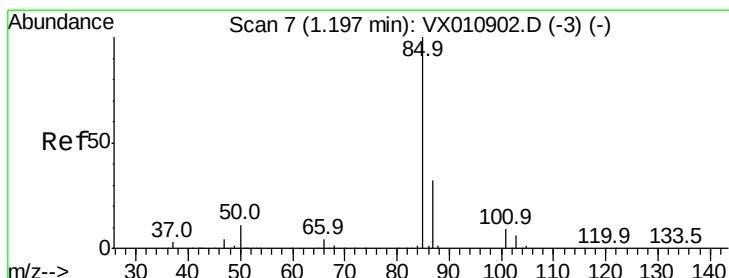
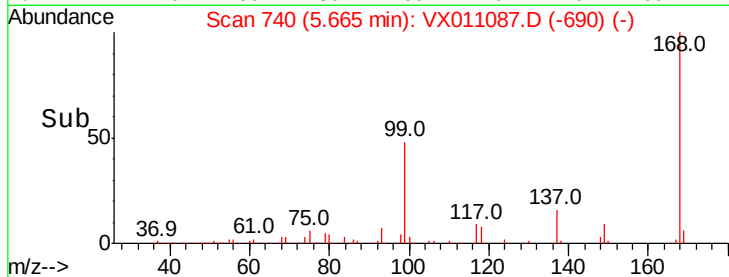
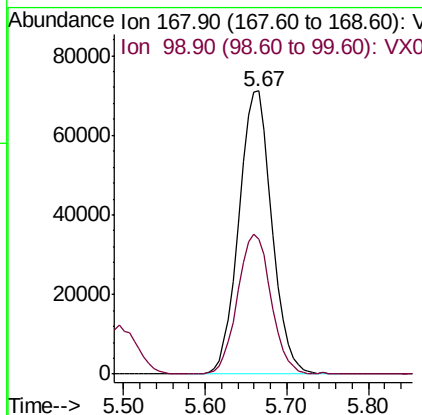
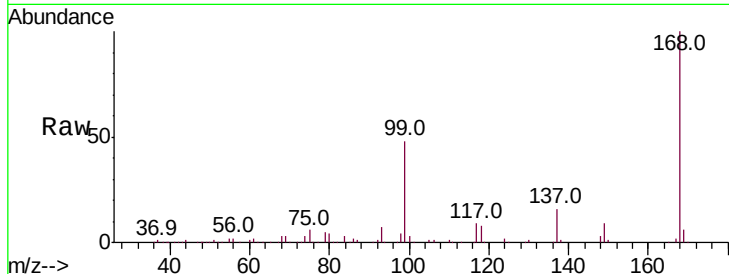
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.4	37.6	56.4

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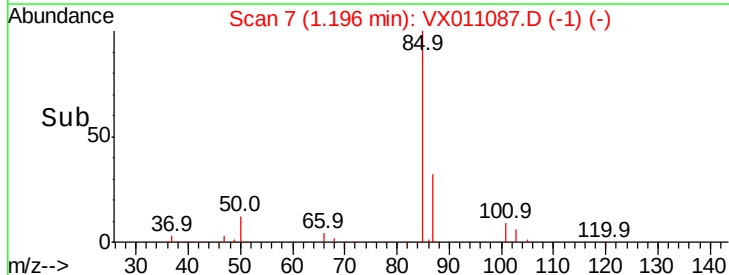
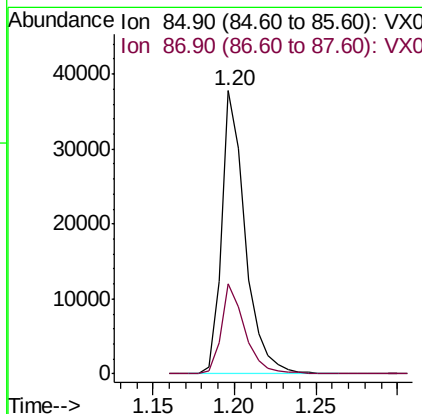
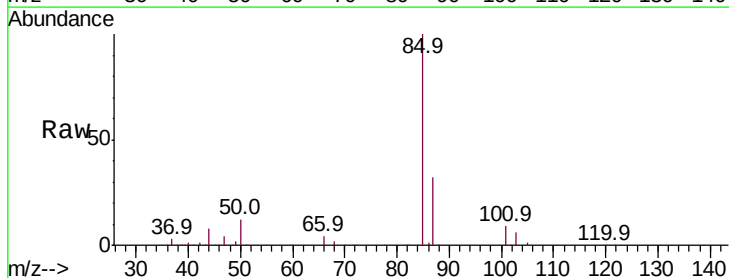
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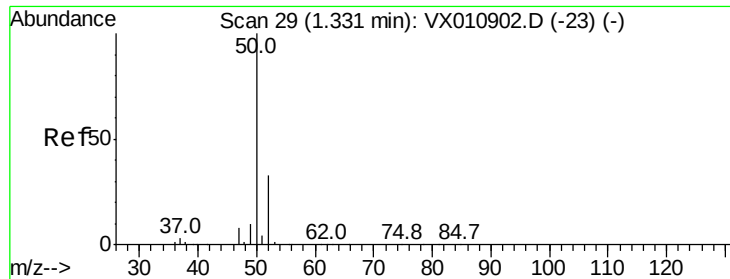


#2

Dichlorodifluoromethane
 Concen: 18.207 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.9	47.7





#3

Chloromethane

Concen: 18.283 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion: 50 Resp: 33632

Ion Ratio Lower Upper

50 100

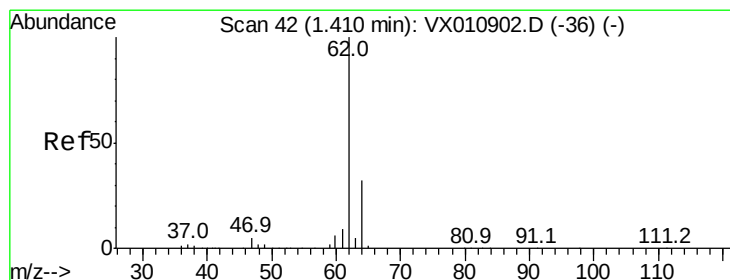
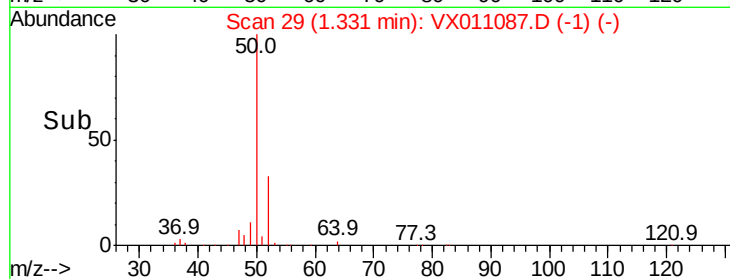
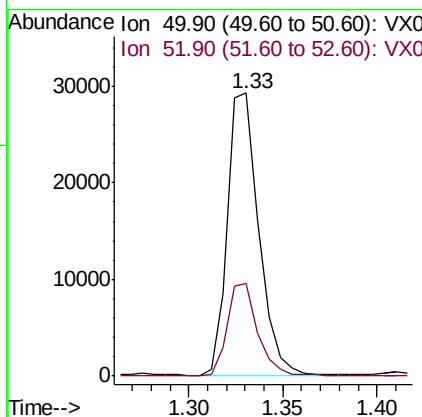
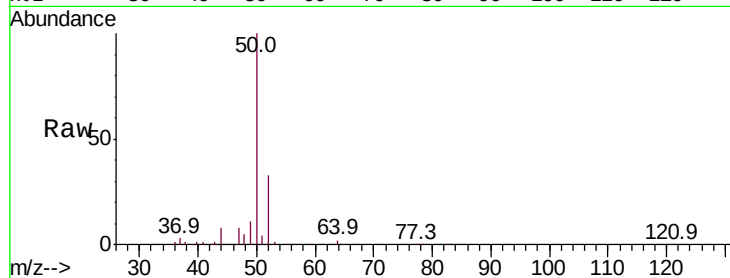
52 32.8 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.884 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011087.D

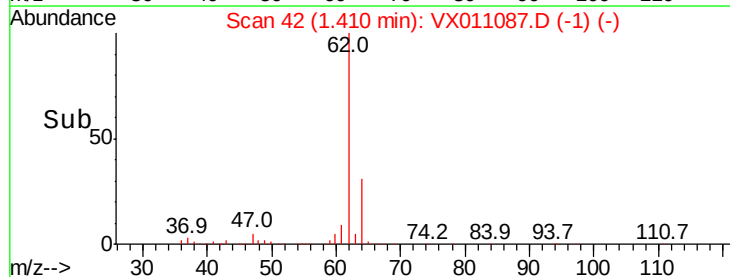
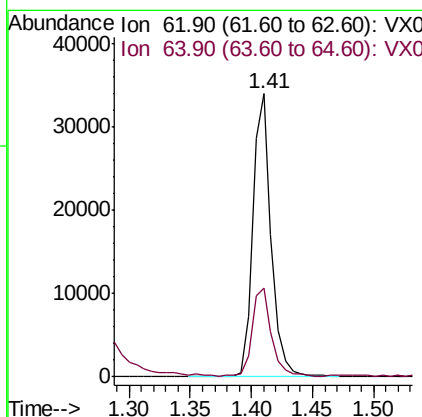
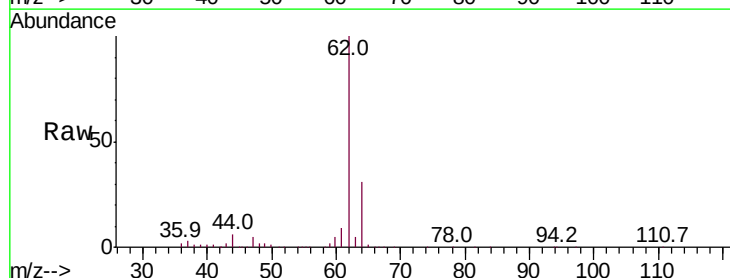
Acq: 26 Jul 2019 13:52

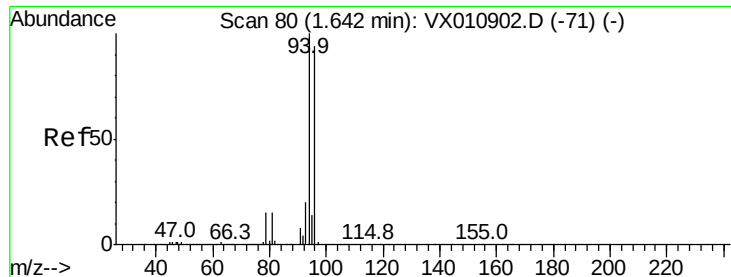
Tgt Ion: 62 Resp: 35431

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 20.373 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion: 94 Resp: 21541

Ion Ratio Lower Upper

94 100

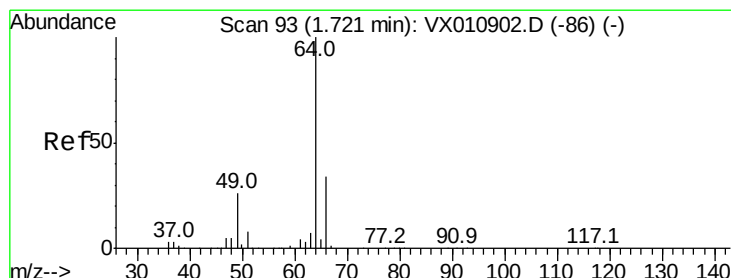
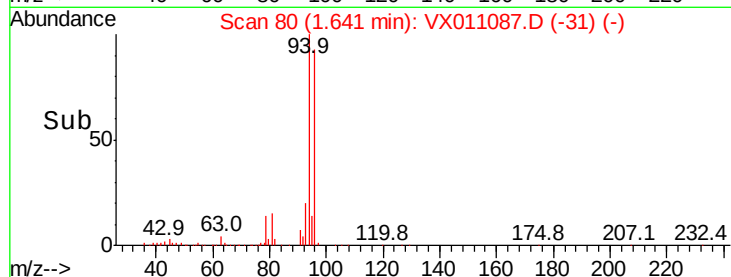
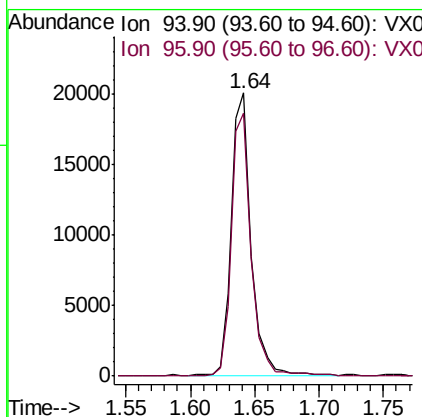
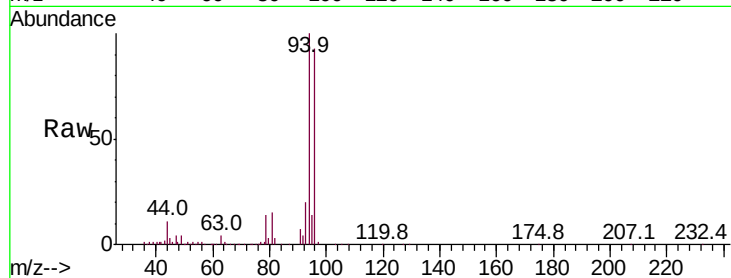
96 92.9 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 20.074 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011087.D

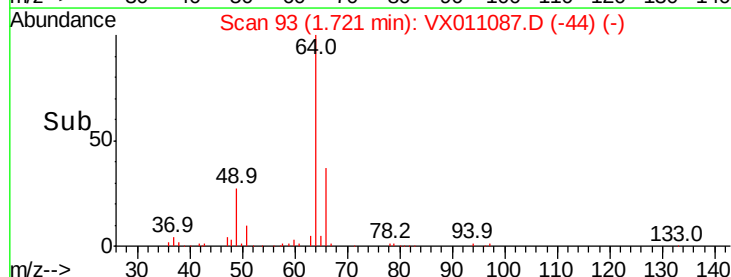
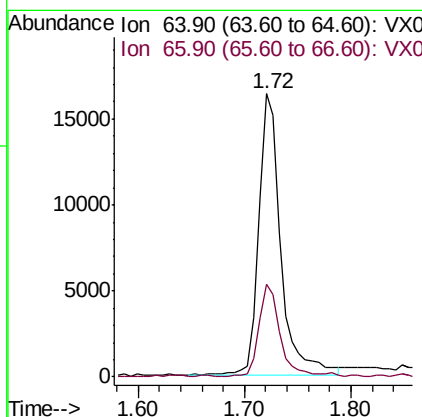
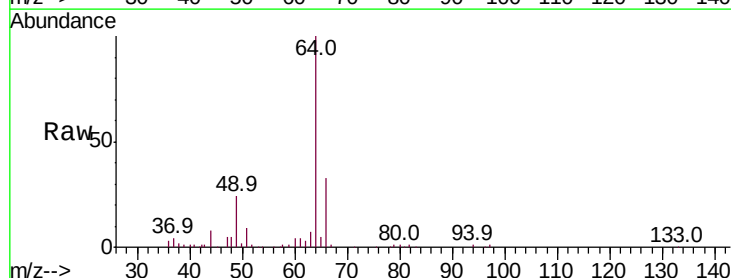
Acq: 26 Jul 2019 13:52

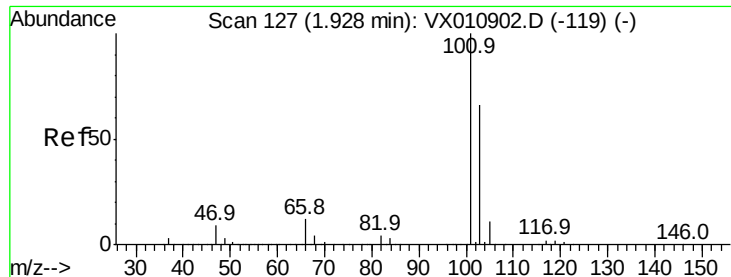
Tgt Ion: 64 Resp: 23935

Ion Ratio Lower Upper

64 100

66 32.7 27.0 40.6





#7

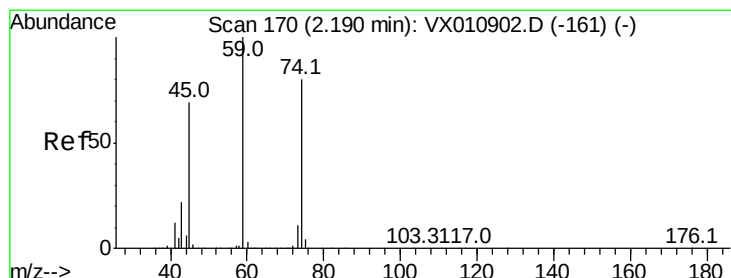
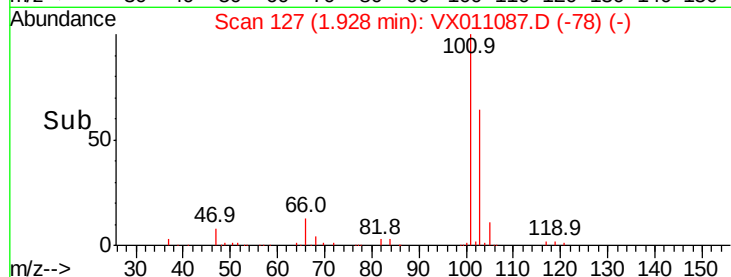
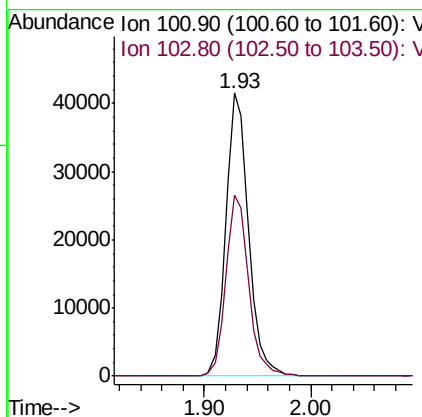
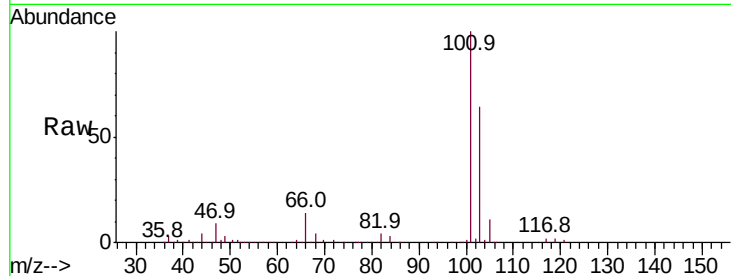
Trichlorofluoromethane
Concen: 19.487 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion:101 Resp: 61892
Ion Ratio Lower Upper
101 100
103 64.0 52.6 78.8

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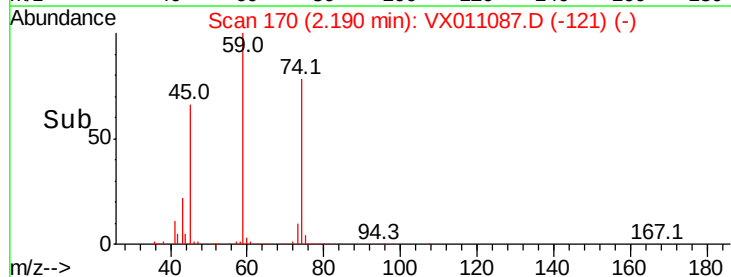
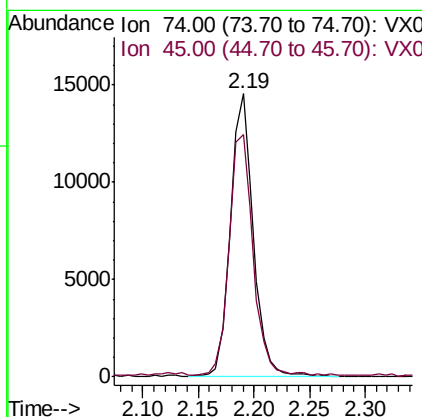
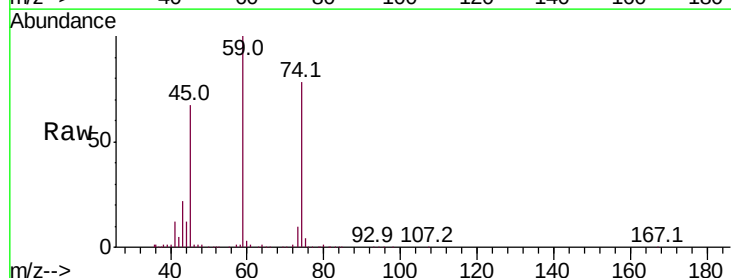
MMDadoda
7/29/2019 11:53:39 AM

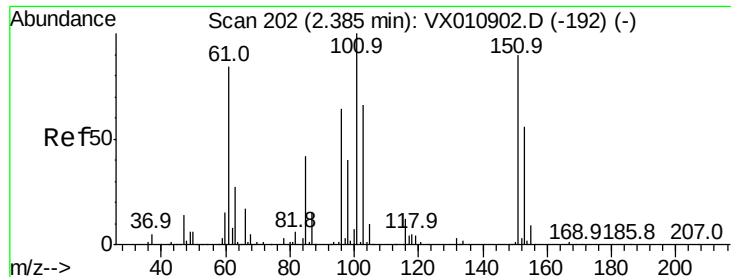


#8

Diethyl Ether
Concen: 18.881 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion: 74 Resp: 20661
Ion Ratio Lower Upper
74 100
45 89.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.834 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

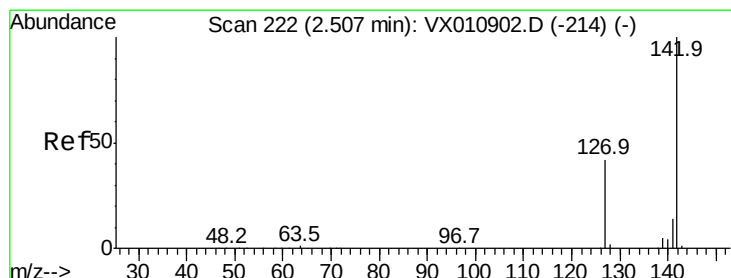
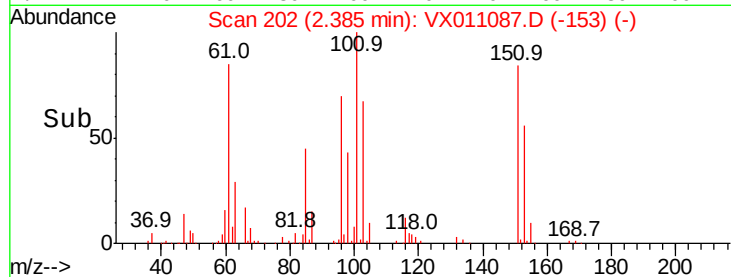
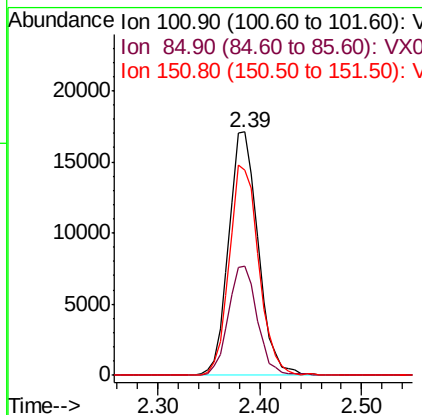
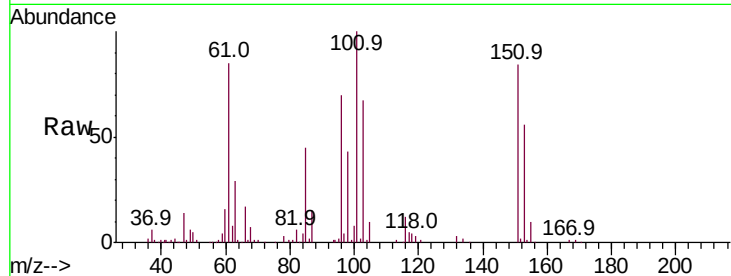
ClientSampleId :

VX0726WBSD01

Tot Ion:	101	Resp:	34154
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.6	52.0
151	85.9	69.6	104.4

Manual Integrations
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7/29/2019 11:53:39 AM



#10

Methyl Iodide

Concen: 15.648 ug/l

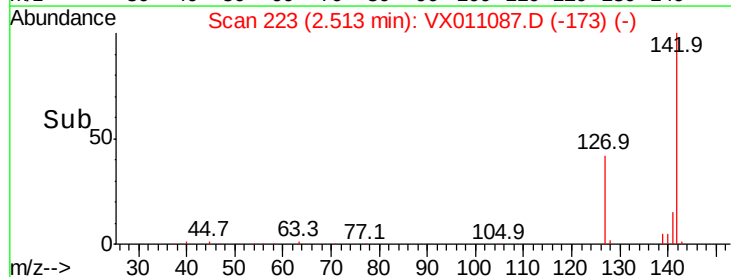
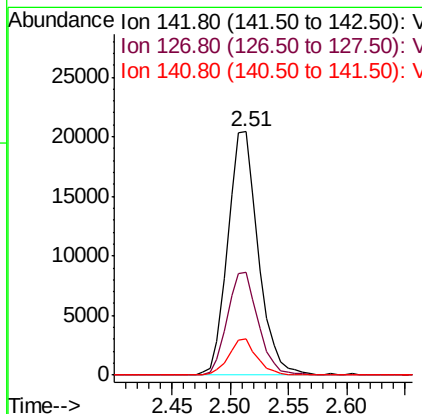
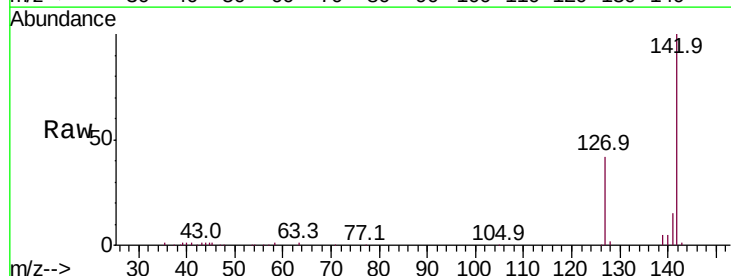
RT: 2.51 min Scan# 223

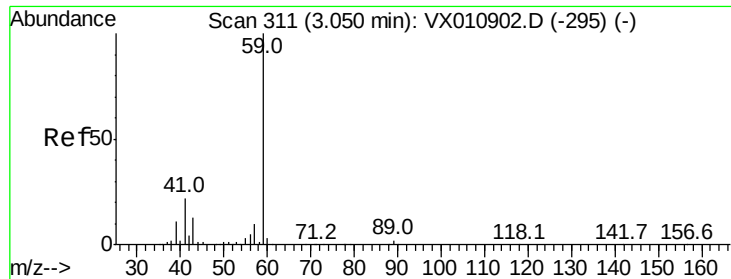
Delta R.T. 0.01 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Tgt Ion:	142	Resp:	37238
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.2	51.4
141	13.9	11.7	17.5





#11

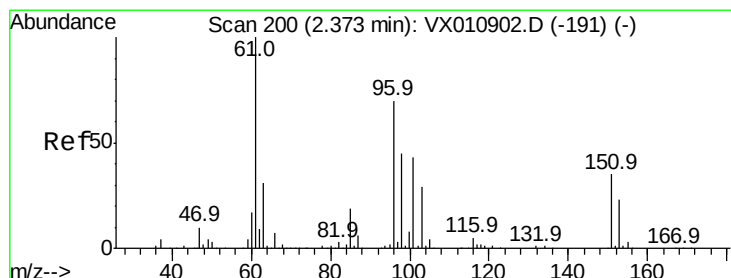
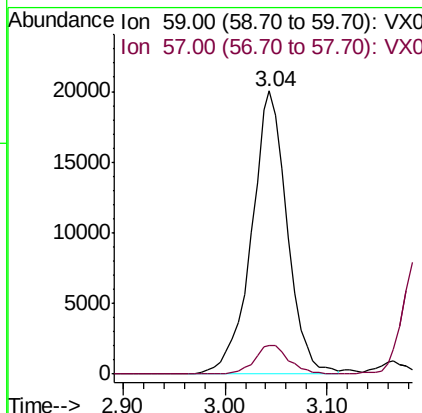
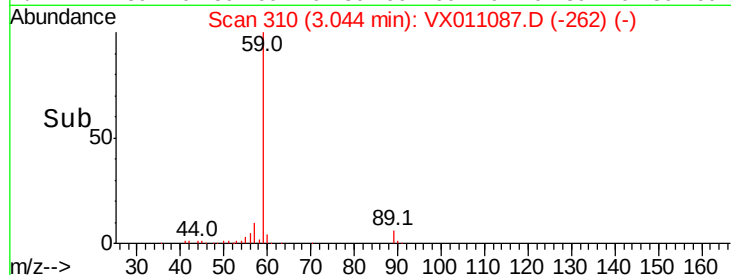
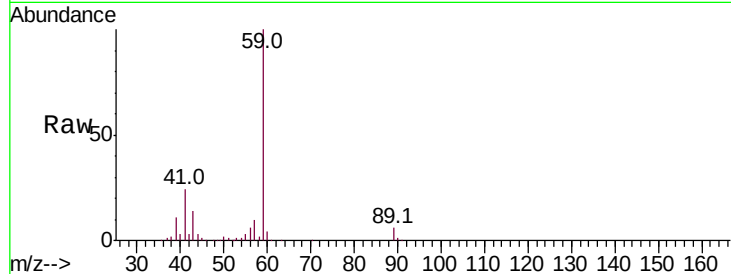
Tert butyl alcohol
Concen: 98.222 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.9	11.9

Manual Integrations
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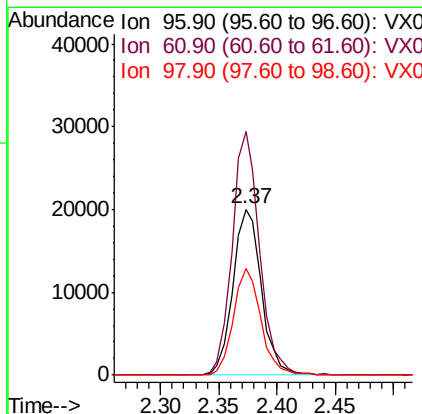
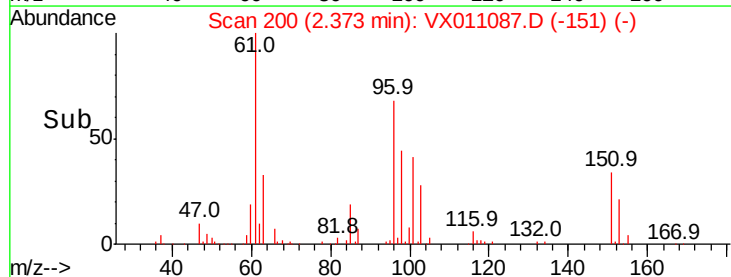
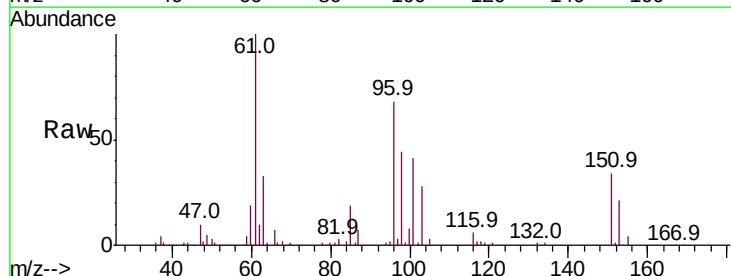
MMDadoda
7/29/2019 11:53:39 AM

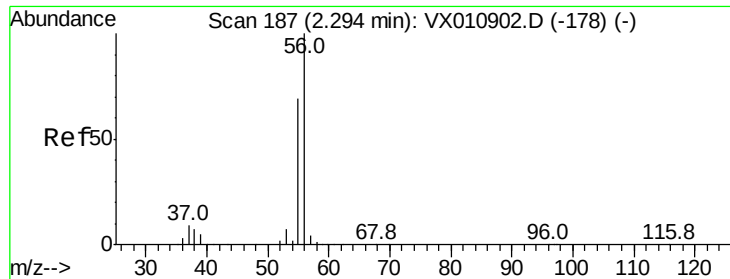


#12

1,1-Dichloroethene
Concen: 19.148 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.7	115.0	172.4
98	64.0	52.2	78.2





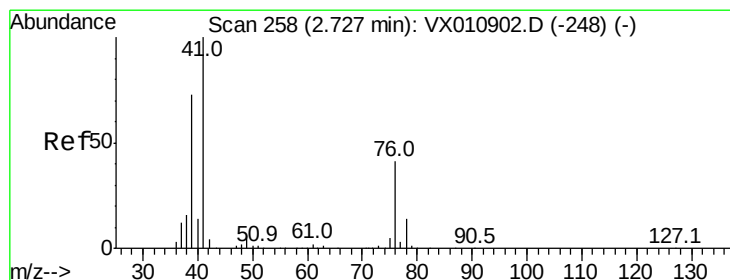
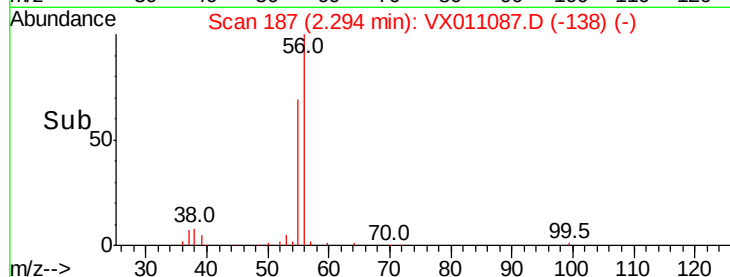
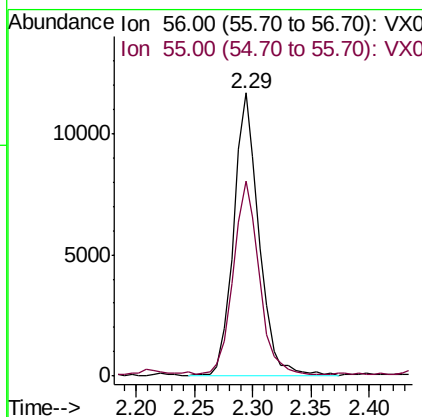
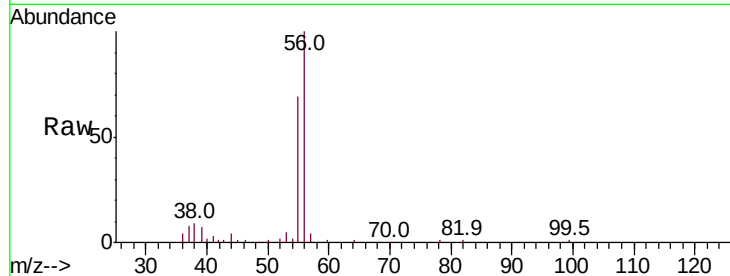
#13
Acrolein
Concen: 61.930 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	56	Resp	17733
Ion Ratio	100	Lower	Upper
56	100		
55	69.5	55.9	83.9

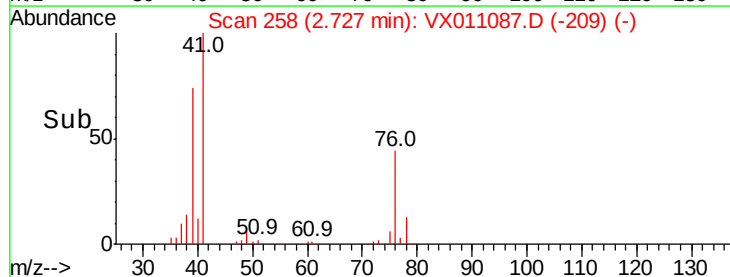
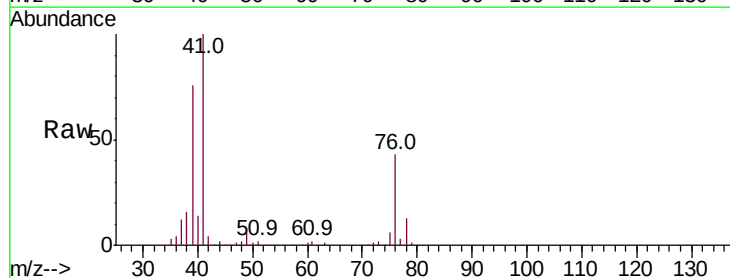
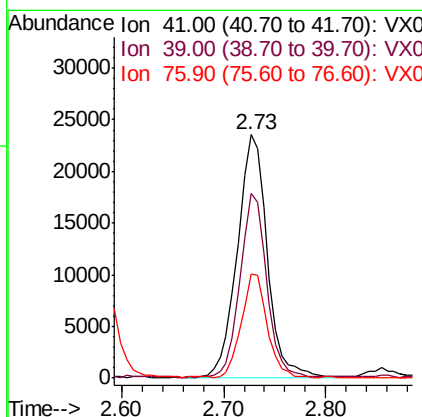
Manual Integrations
APPROVED

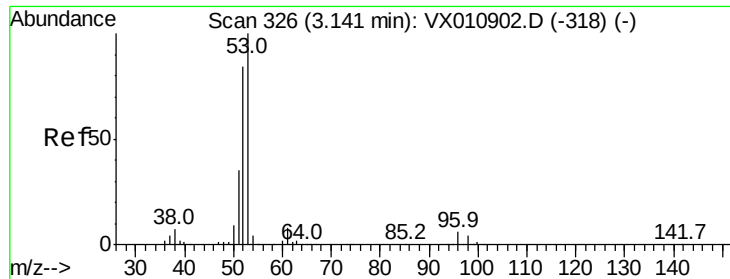
MMDadoda
7/29/2019 11:53:39 AM



#14
Allyl chloride
Concen: 18.434 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	41	Resp	47708
Ion Ratio	100	Lower	Upper
41	100		
39	68.1	53.6	80.4
76	36.9	29.7	44.5





#15

Acrylonitrile

Concen: 96.185 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

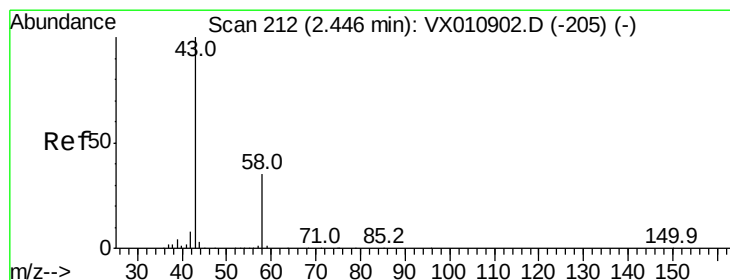
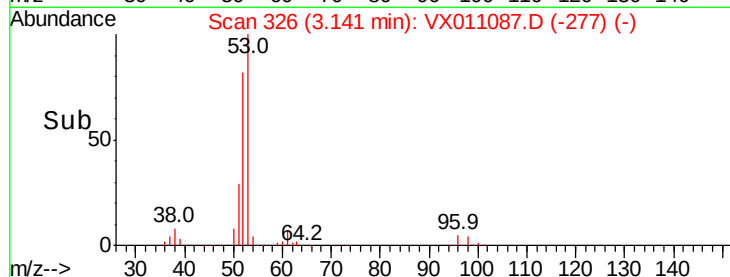
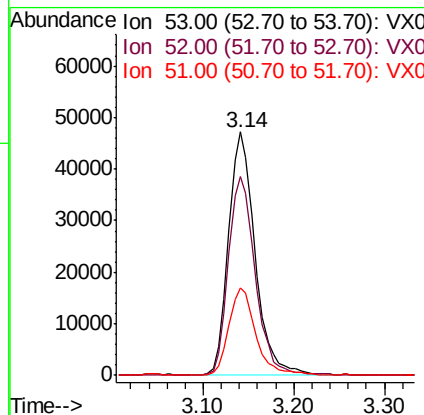
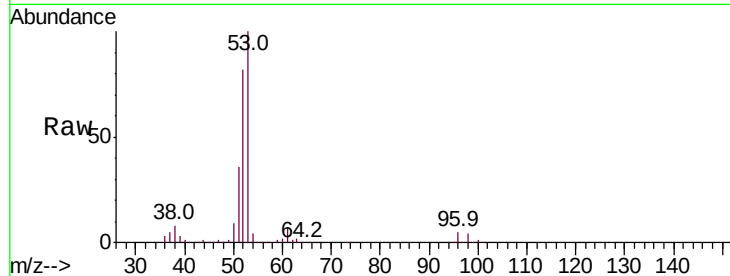
ClientSampleId :

VX0726WBSD01

Tot Ion:	53	Resp:	96325
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.5	99.7
51	36.6	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 92.135 ug/l

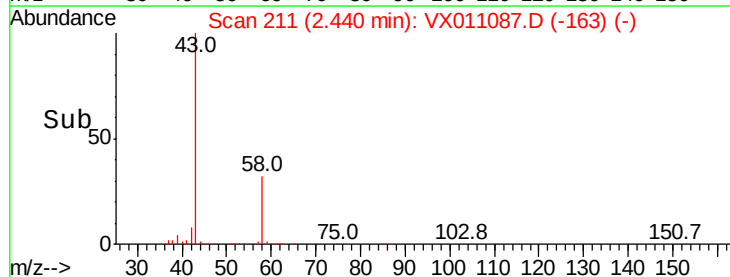
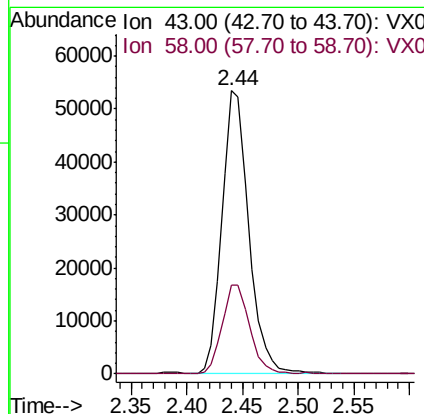
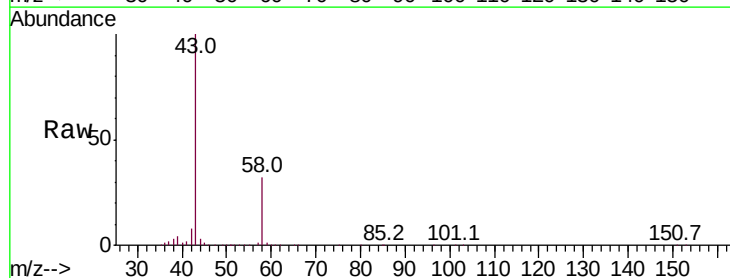
RT: 2.44 min Scan# 211

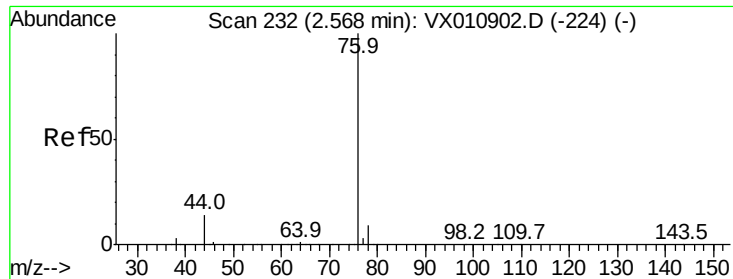
Delta R.T. -0.01 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Tgt Ion:	43	Resp:	88554
Ion Ratio	Lower	Upper	
43	100		
58	31.5	27.7	41.5





#17

Carbon Disulfide

Concen: 15.610 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion: 76 Resp: 71343

Ion Ratio Lower Upper

76 100

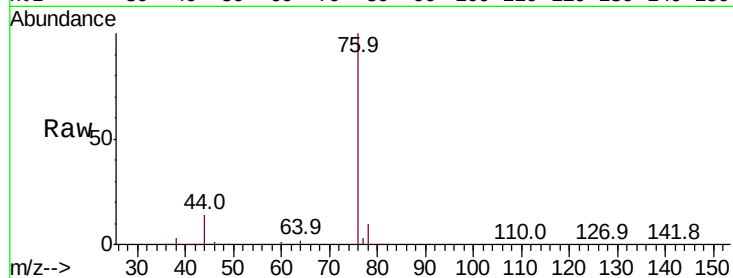
78 9.9 7.4 11.0

Manual Integrations

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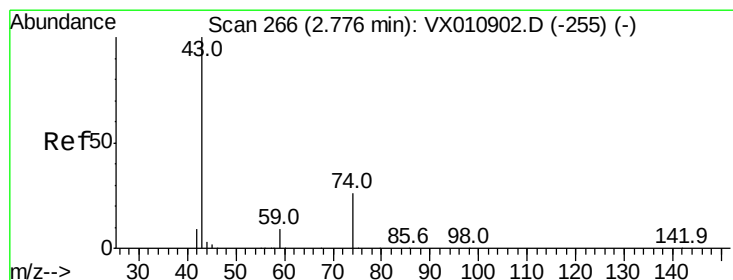
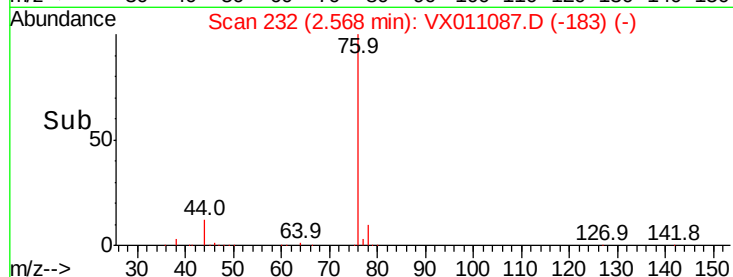
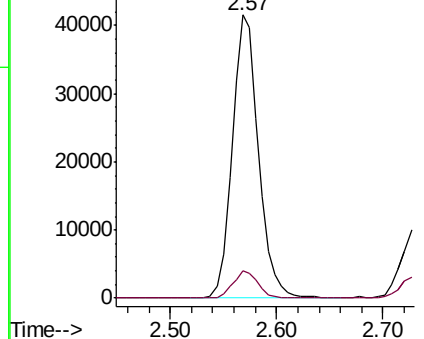
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.587 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX011087.D

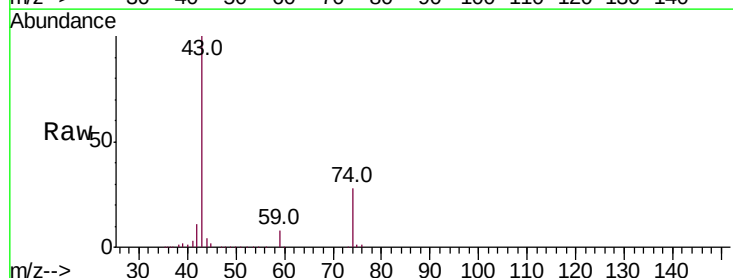
Acq: 26 Jul 2019 13:52

Tgt Ion: 43 Resp: 45056

Ion Ratio Lower Upper

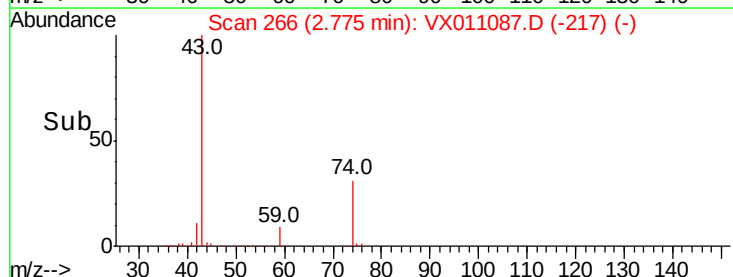
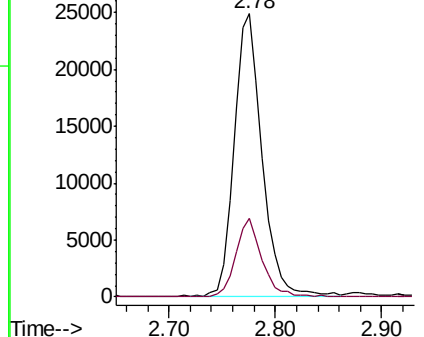
43 100

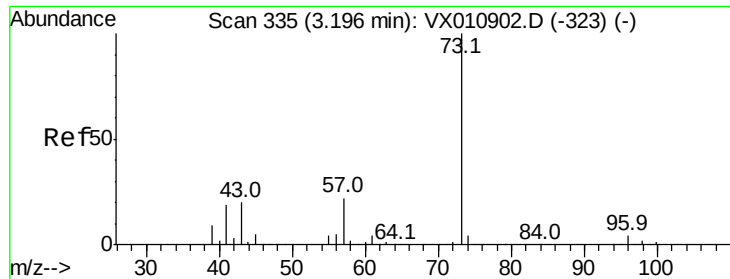
74 26.7 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





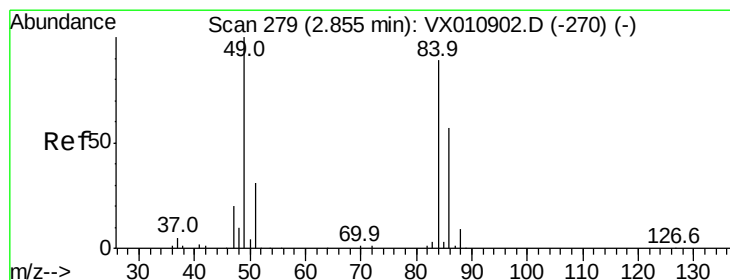
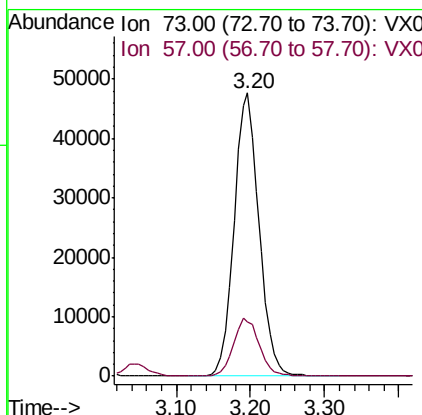
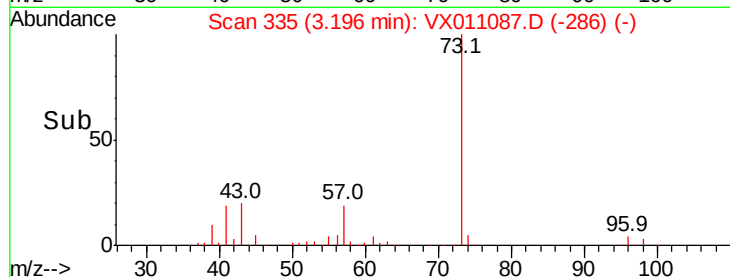
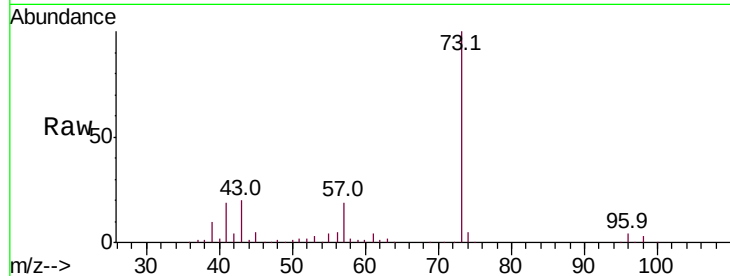
#19
Methyl tert-butyl Ether
Concen: 19.435 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion: 73 Resp: 111477
Ion Ratio Lower Upper
73 100
57 19.2 17.3 25.9

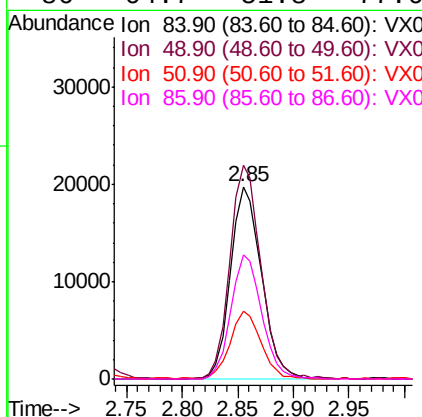
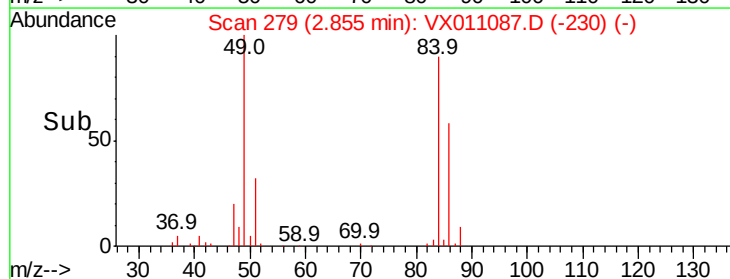
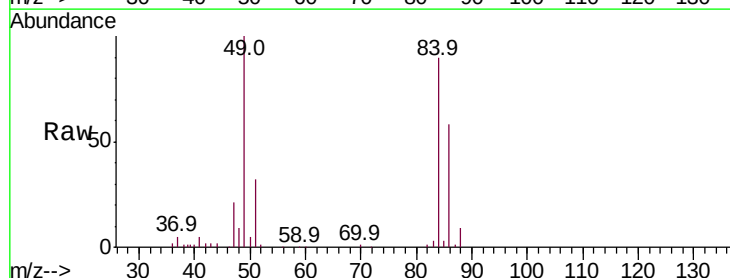
Manual Integrations
APPROVED

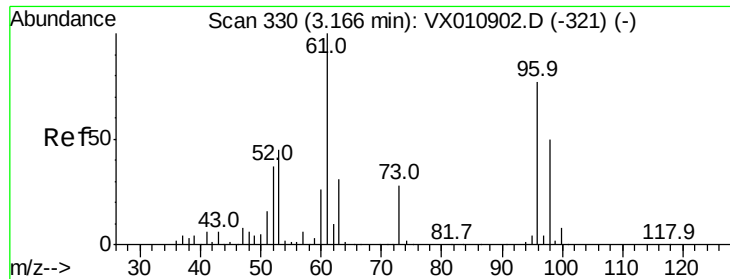
MMDadoda
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#20
Methylene Chloride
Concen: 18.770 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion: 84 Resp: 38232
Ion Ratio Lower Upper
84 100
49 111.2 89.9 134.9
51 35.6 27.8 41.6
86 64.7 51.8 77.6





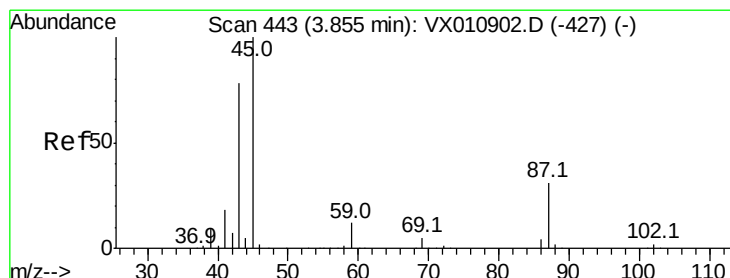
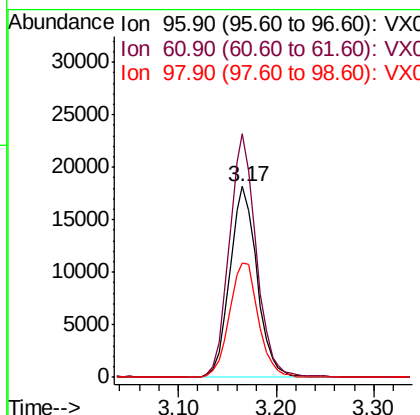
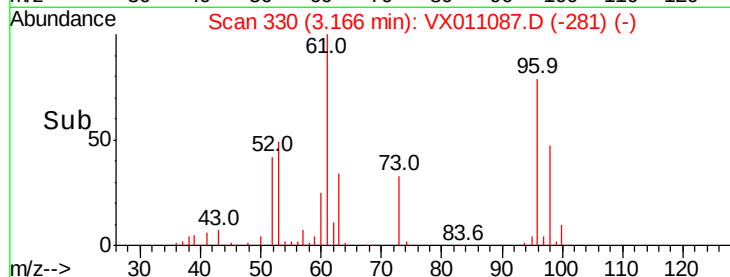
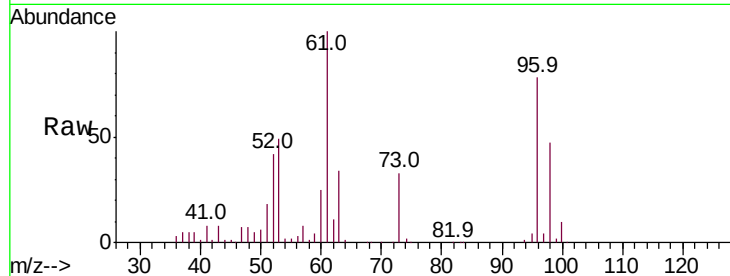
#21
trans-1,2-Dichloroethene
Concen: 18.563 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.5	104.2	156.2
98	59.6	52.2	78.4

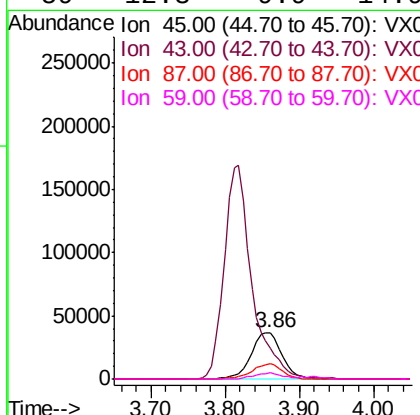
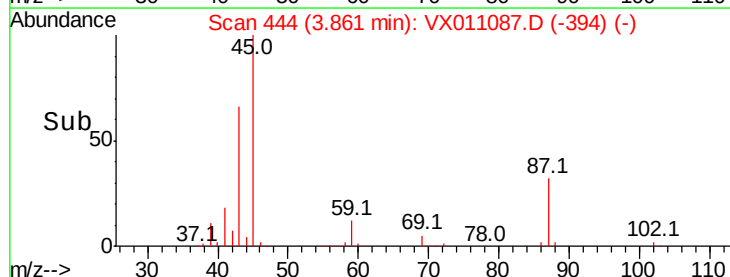
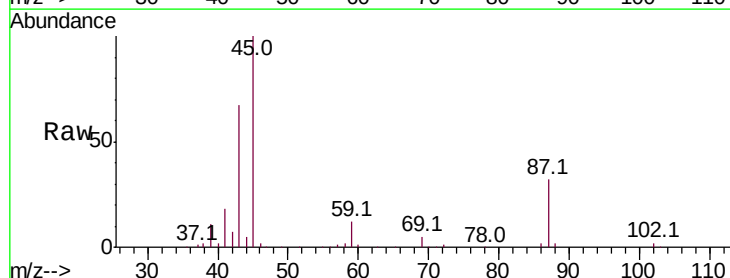
Manual Integrations
APPROVED

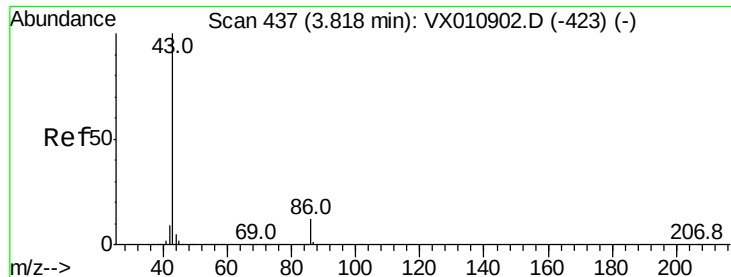
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#22
Diisopropyl ether
Concen: 19.428 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.2	62.3	93.5
87	31.9	25.0	37.4
59	12.3	9.9	14.9





#23

Vinyl Acetate

Concen: 95.595 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion: 43 Resp: 442114

Ion Ratio Lower Upper

43 100

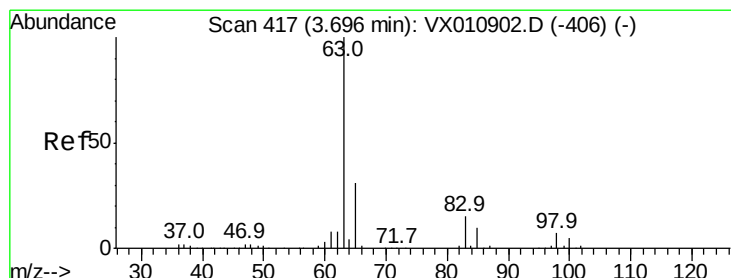
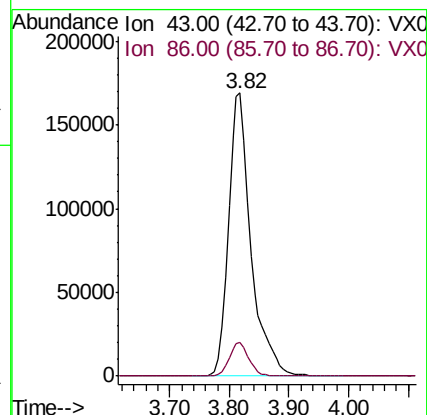
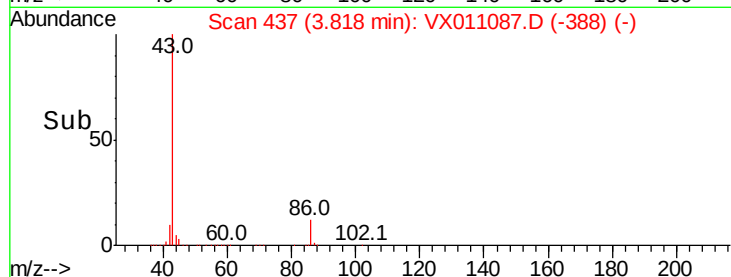
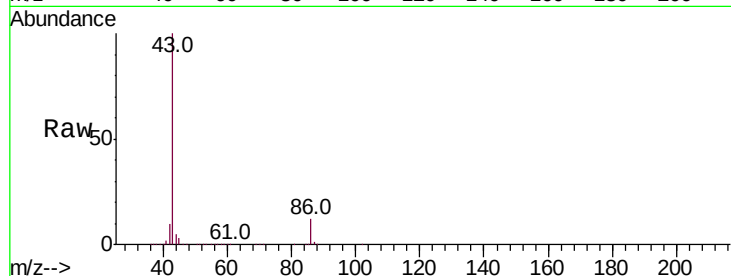
86 11.9 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.024 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

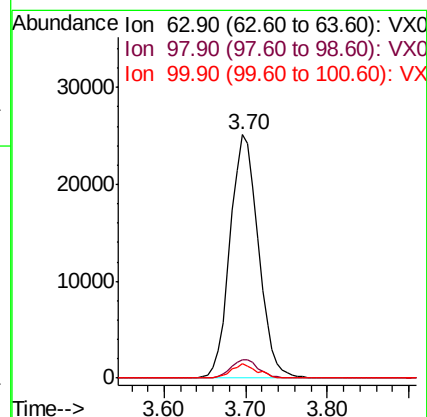
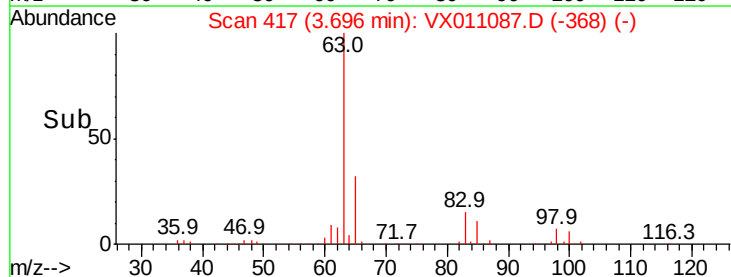
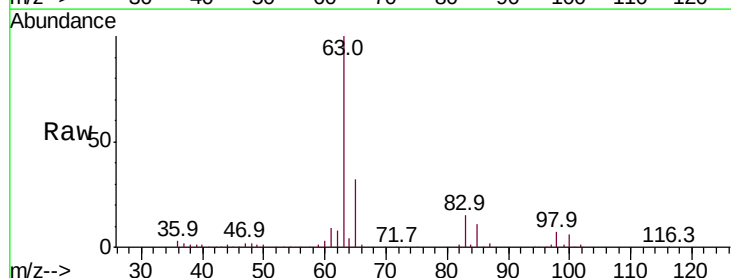
Tgt Ion: 63 Resp: 60306

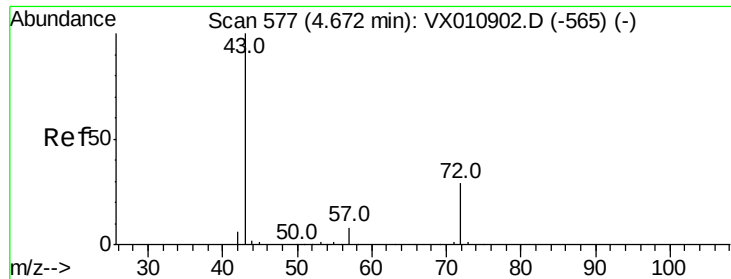
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 5.7 2.4 7.2





#25

2-Butanone

Concen: 95.261 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion: 43 Resp: 131430

Ion Ratio Lower Upper

43 100

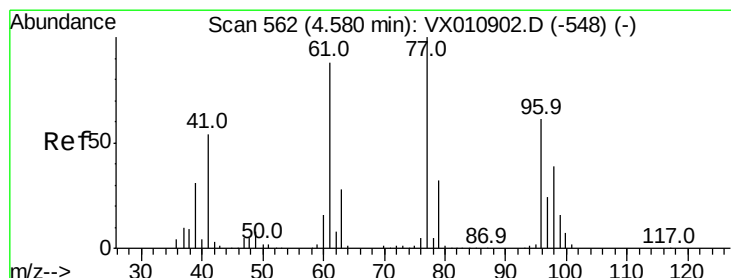
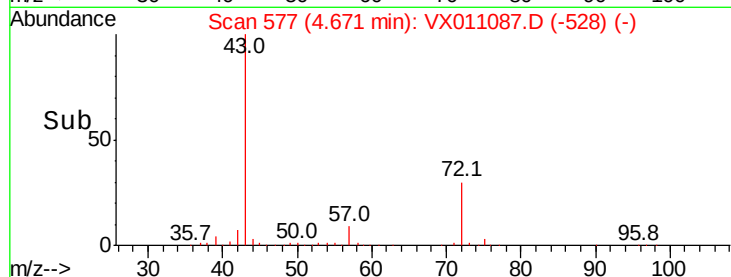
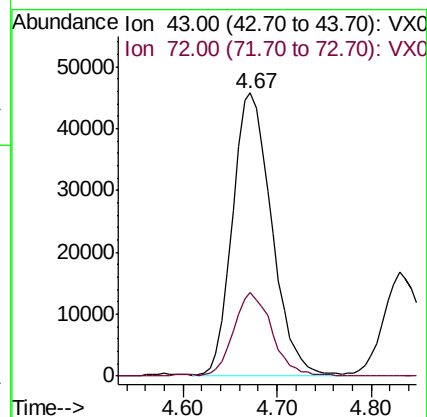
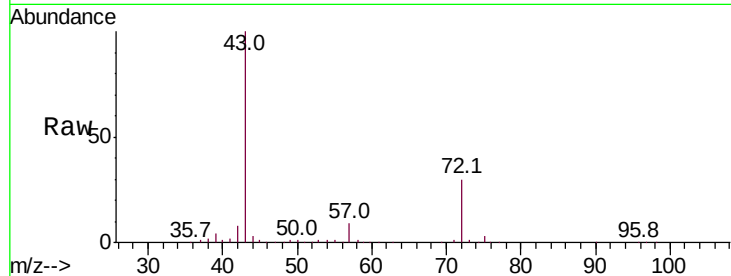
72 29.6 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.629 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011087.D

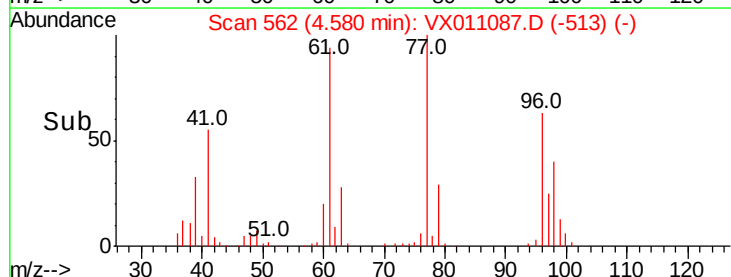
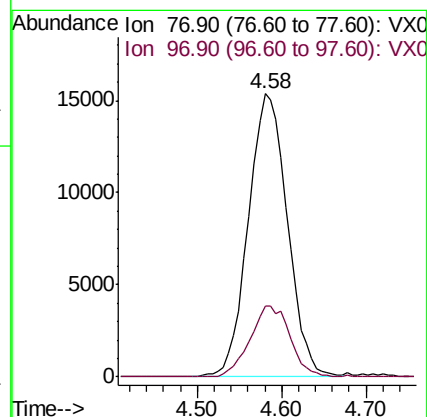
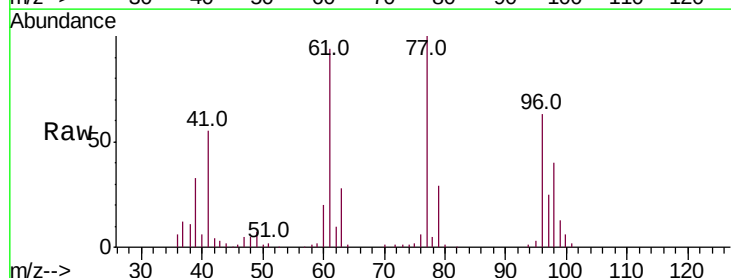
Acq: 26 Jul 2019 13:52

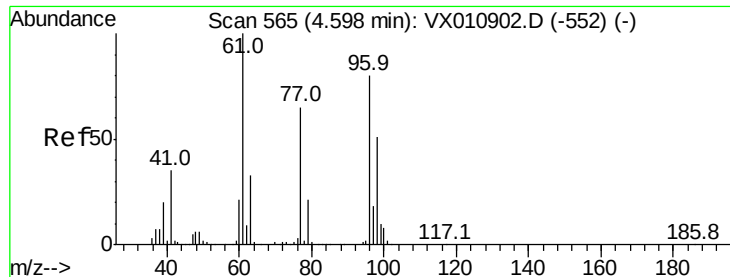
Tgt Ion: 77 Resp: 48488

Ion Ratio Lower Upper

77 100

97 25.7 12.6 37.6





#27

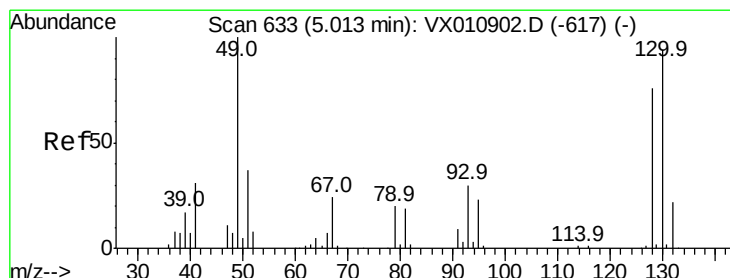
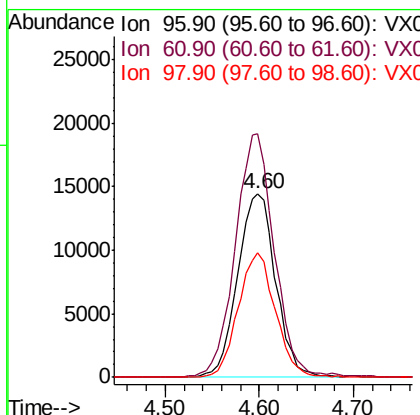
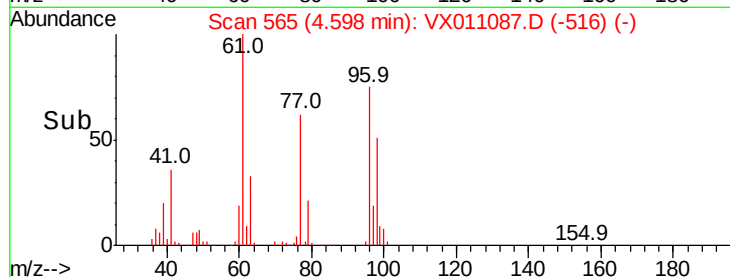
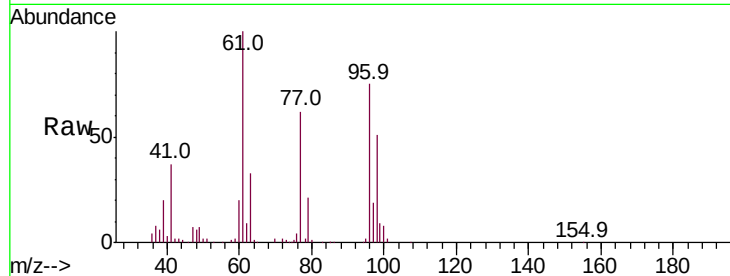
cis-1,2-Dichloroethene
 Concen: 18.673 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	136.3	0.0	269.0	
98	66.4	0.0	131.4	

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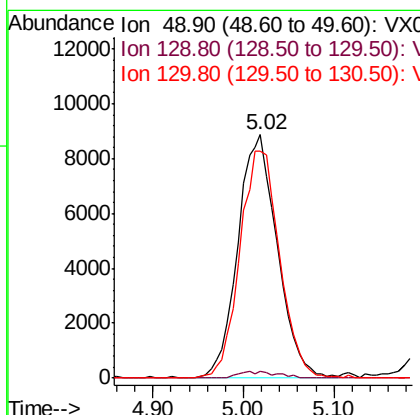
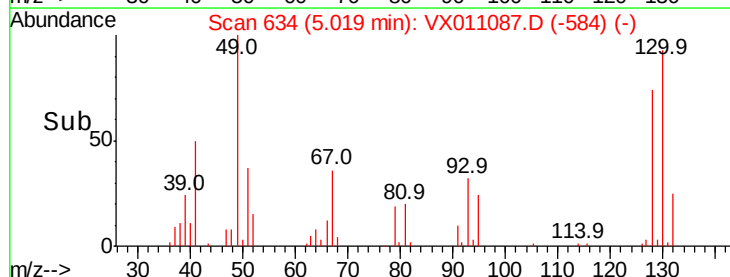
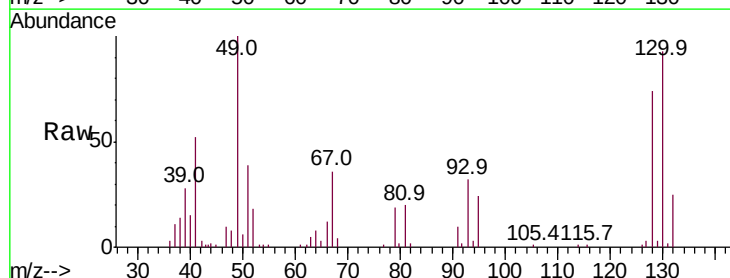
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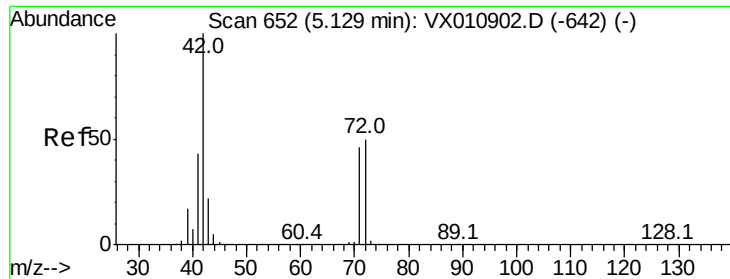


#28

Bromochloromethane
 Concen: 17.906 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	5.2	
130	94.1	76.9	115.3	





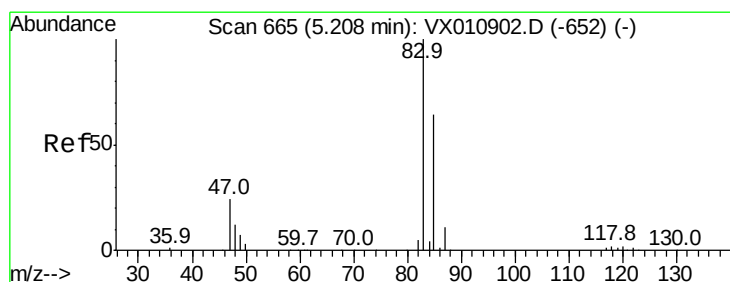
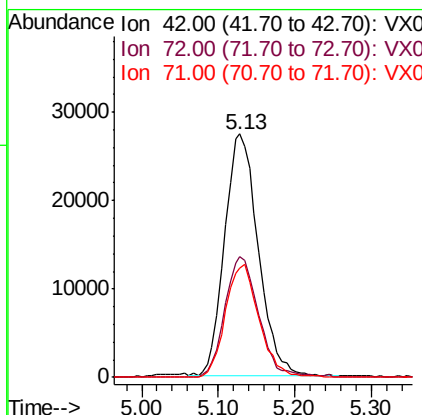
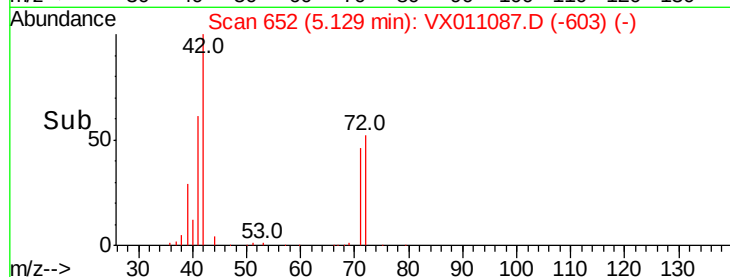
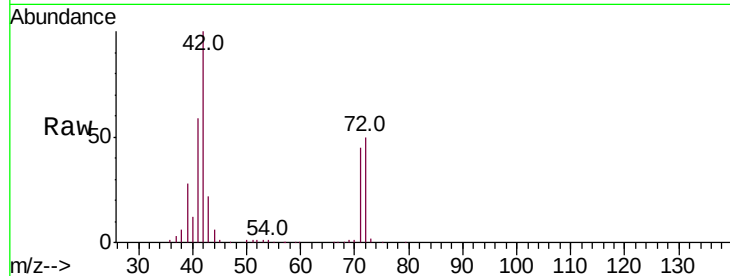
#29
Tetrahydrofuran
Concen: 95.717 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.1	39.8	59.8
71	46.5	37.0	55.4

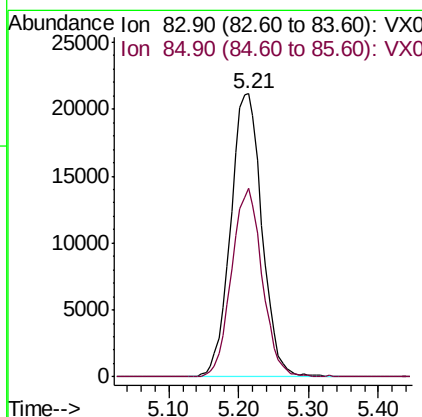
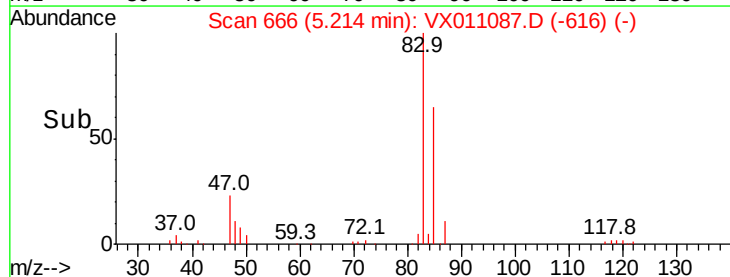
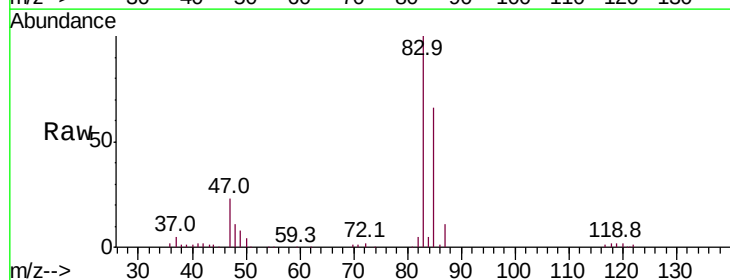
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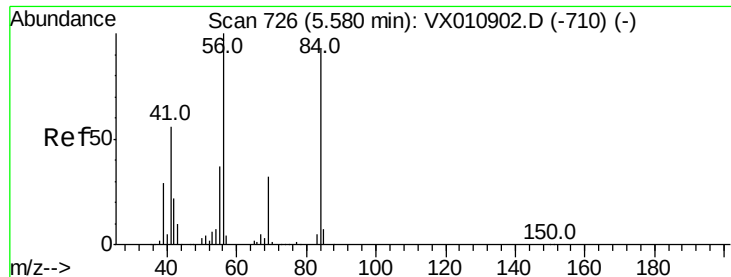
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#30
Chloroform
Concen: 19.199 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.4	77.0





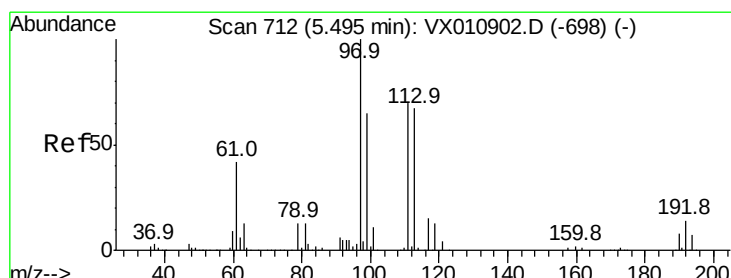
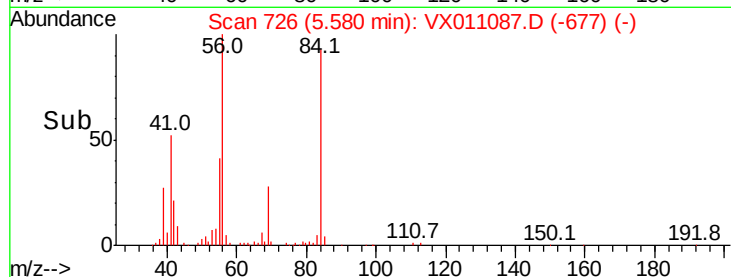
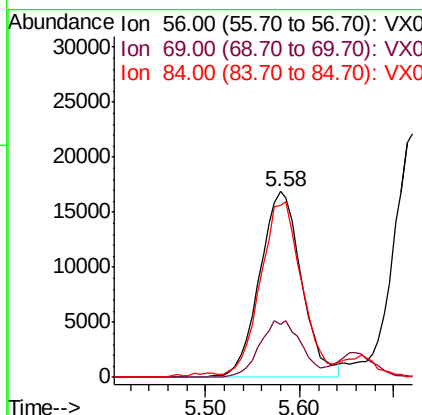
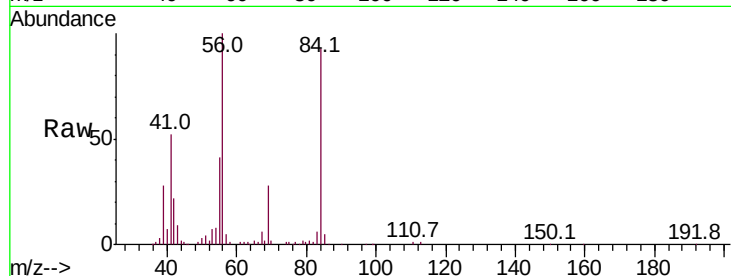
#31
Cyclohexane
Concen: 18.174 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.1	25.8	38.8
84	91.3	73.8	110.6

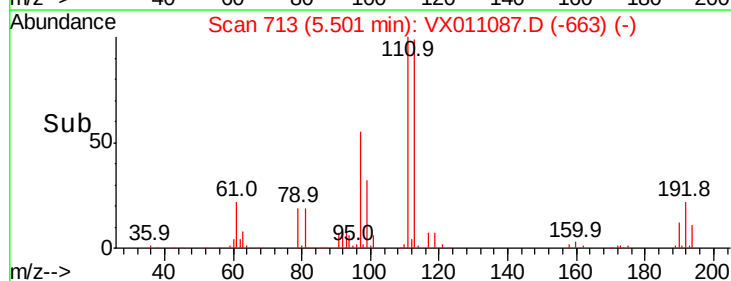
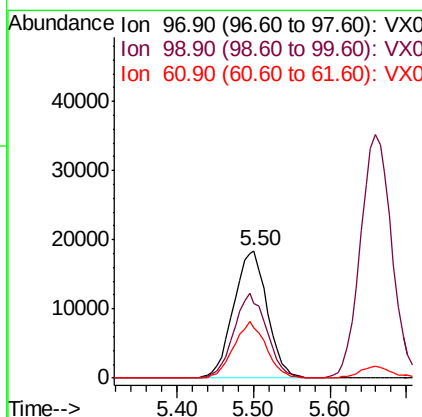
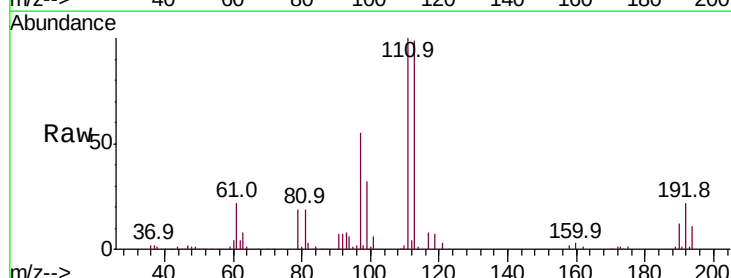
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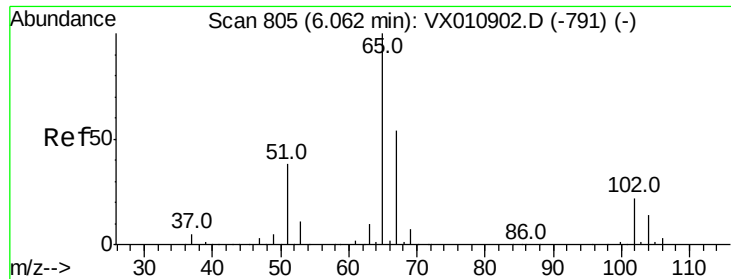
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#32
1,1,1-Trichloroethane
Concen: 18.925 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.0
61	42.5	33.0	49.6





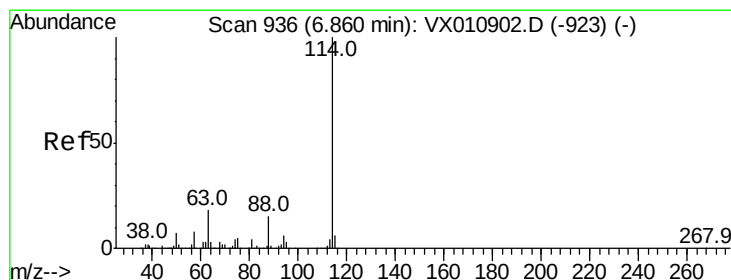
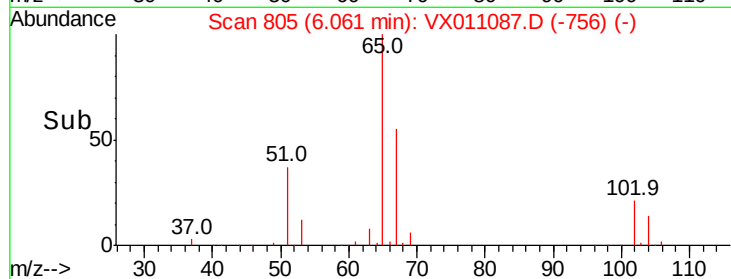
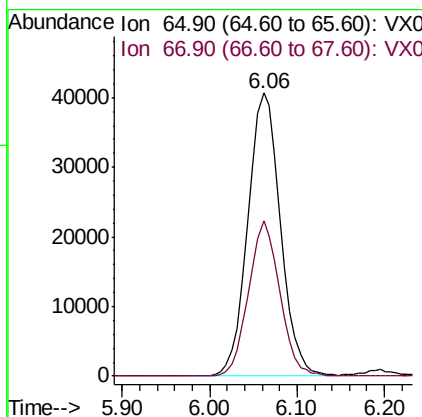
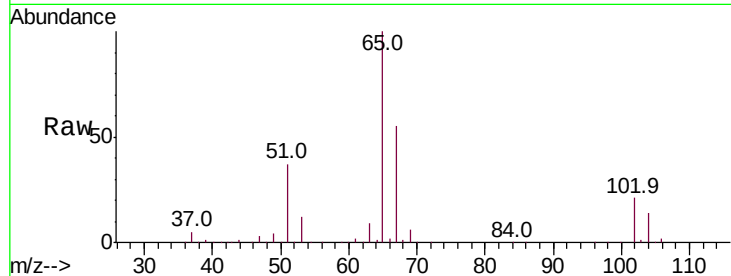
#33
 1,2-Dichloroethane-d4
 Concen: 49.581 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	107.8	

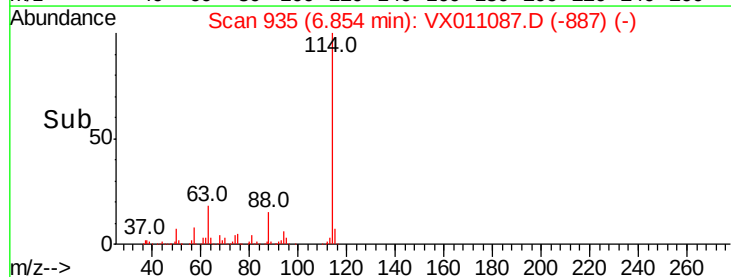
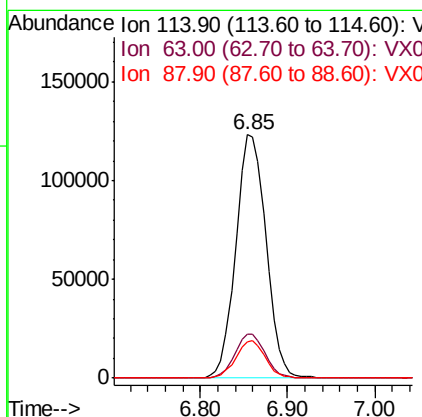
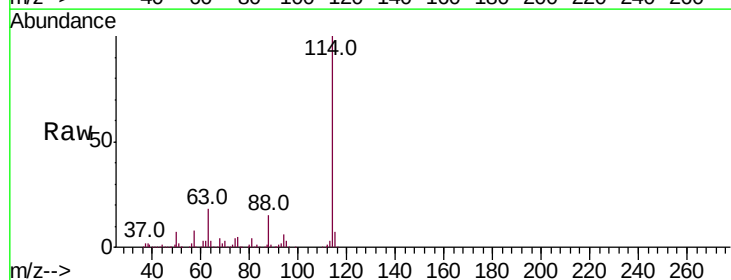
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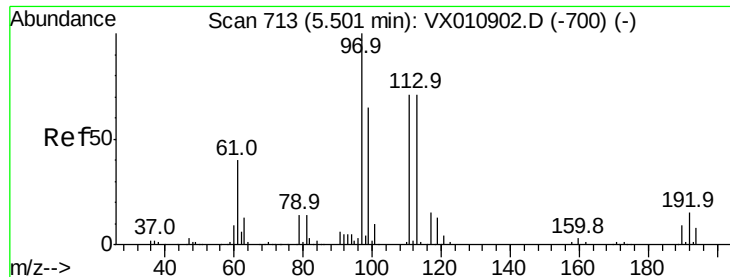
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.8	0.0	35.6	
88	14.8	0.0	29.8	





#35

Dibromofluoromethane

Concen: 49.906 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

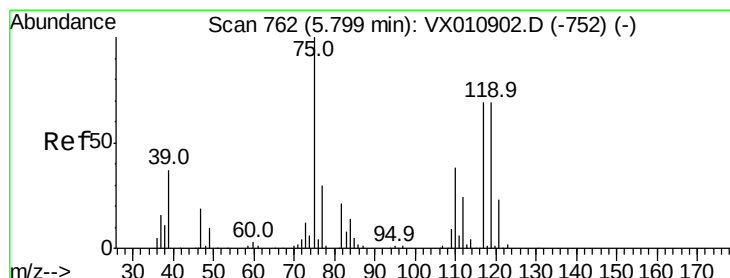
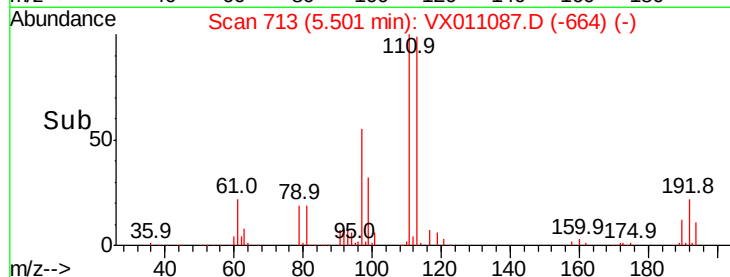
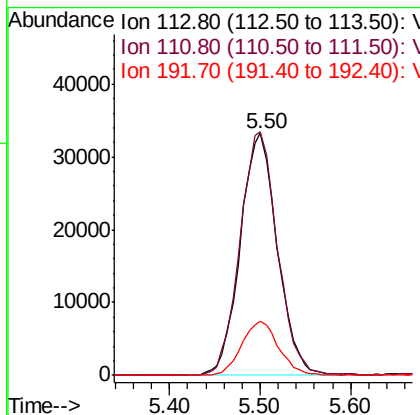
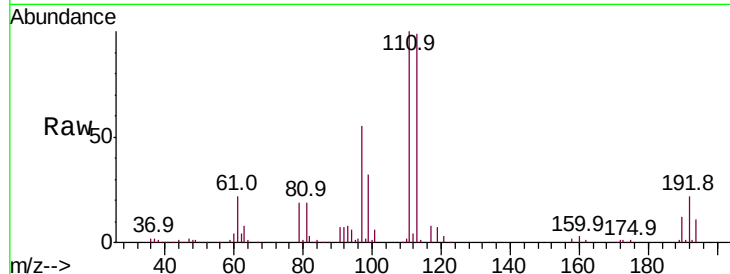
ClientSampleId :

VX0726WBSD01

Tot Ion:	113	Resp:	94046
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.3	123.5
192	22.4	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 18.855 ug/l

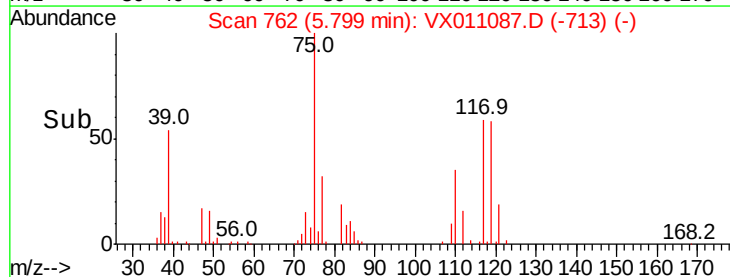
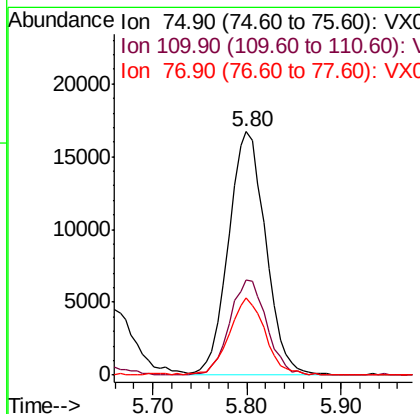
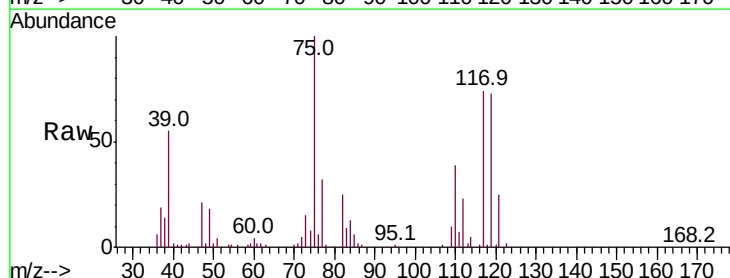
RT: 5.80 min Scan# 762

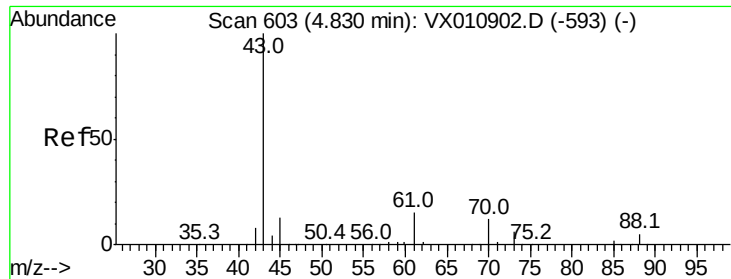
Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Tgt Ion:	75	Resp:	45983
Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.9	59.7
77	30.8	25.0	37.4





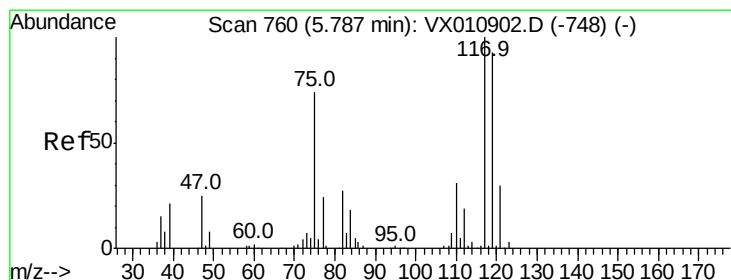
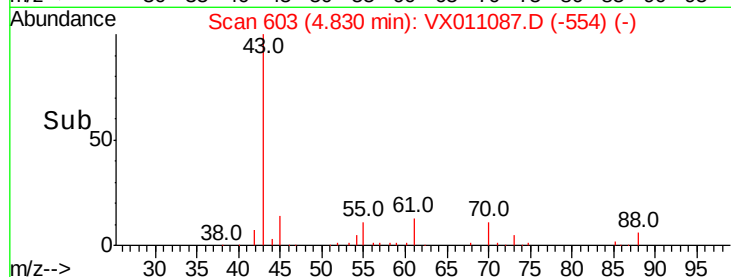
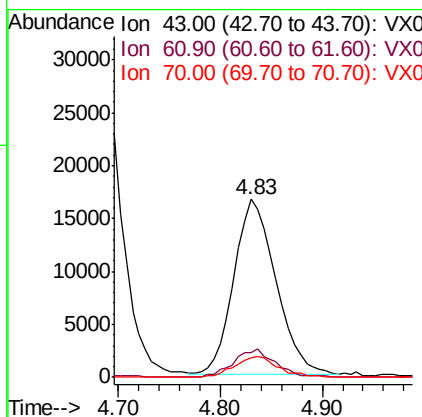
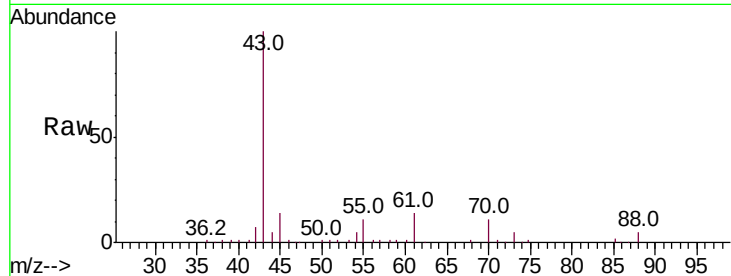
#37
Ethyl Acetate
Concen: 18.932 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	11.6	17.4
70	12.6	9.1	13.7

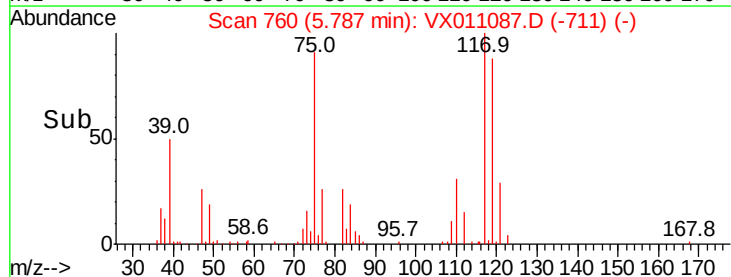
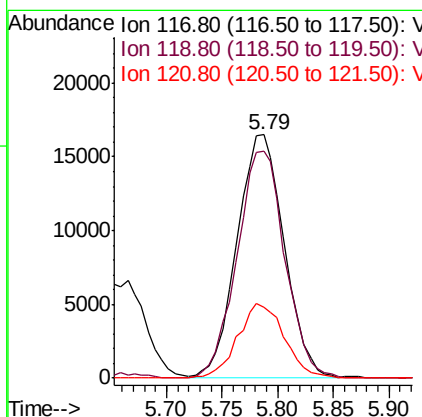
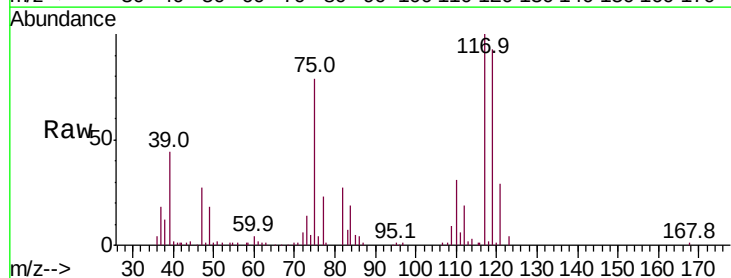
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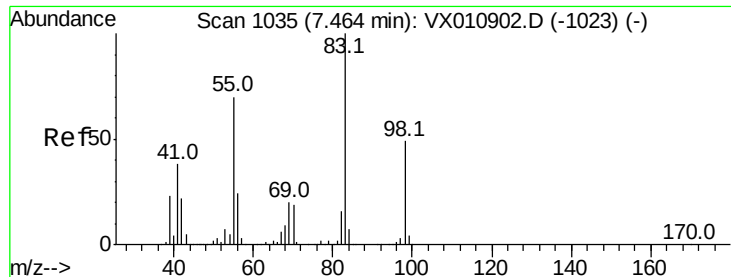
MMDadoda
7/29/2019 11:53:39 AM



#38
Carbon Tetrachloride
Concen: 19.131 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	74.2	111.2
121	29.2	24.2	36.2





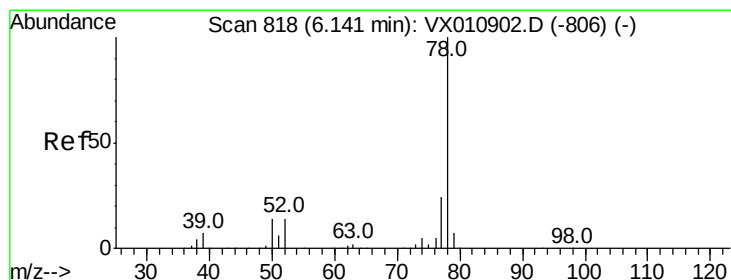
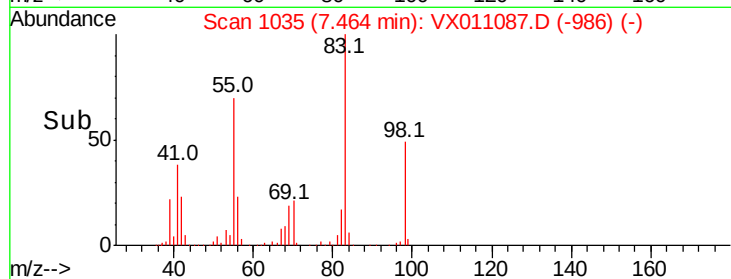
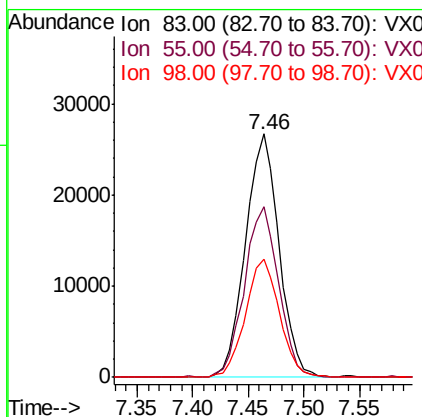
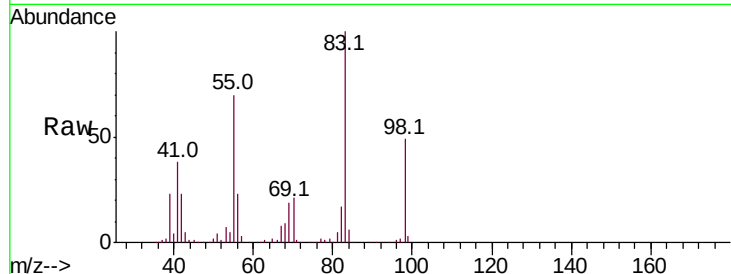
#39
Methylvlcyclohexane
Concen: 17.747 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.6	56.2	84.4
98	48.8	39.0	58.4

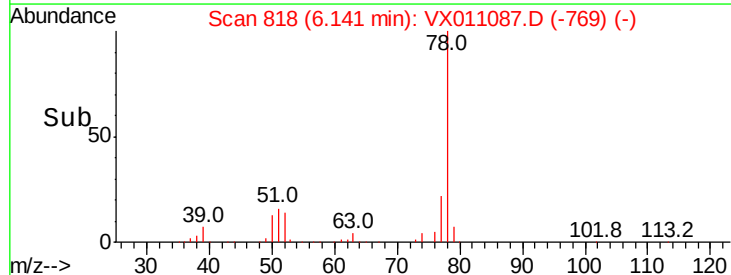
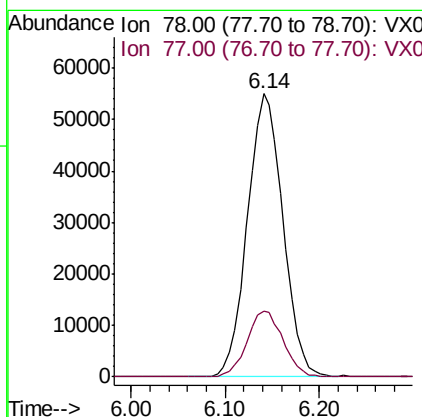
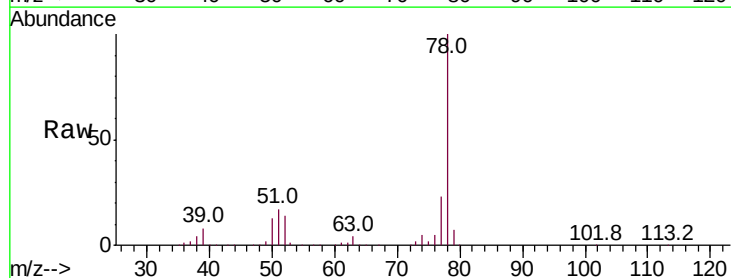
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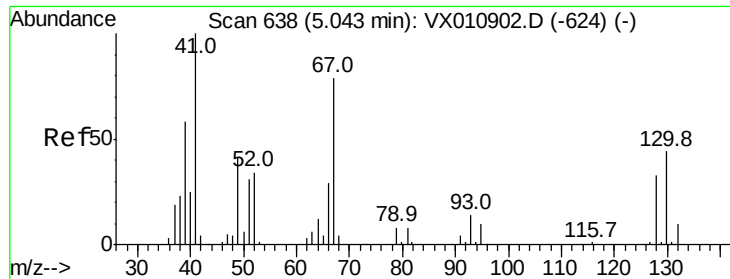
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#40
Benzene
Concen: 19.453 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6





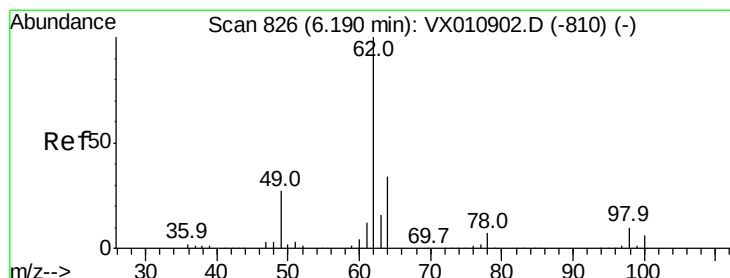
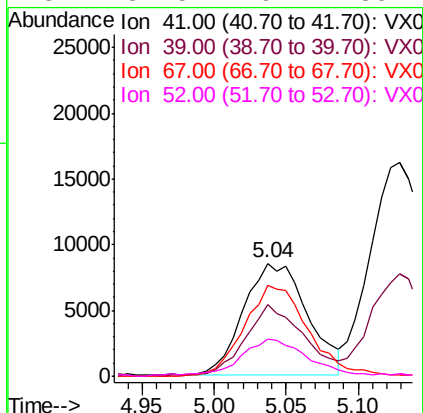
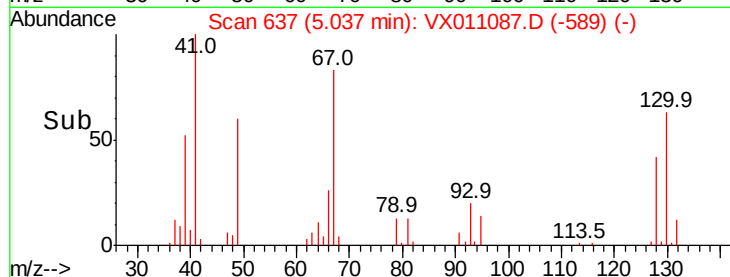
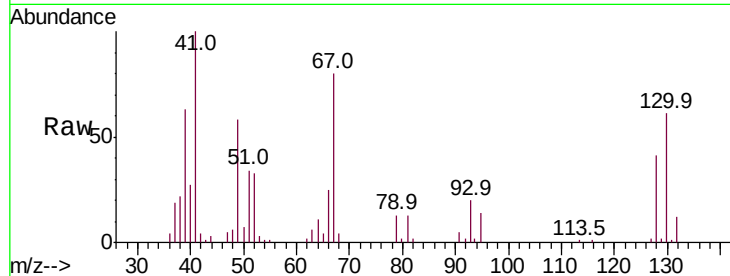
#41
Methacrylonitrile
Concen: 18.531 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.1	45.4	68.2	
67	80.8	65.9	98.9	
52	32.5	26.2	39.2	

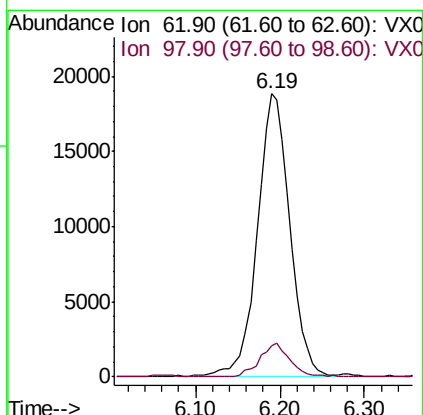
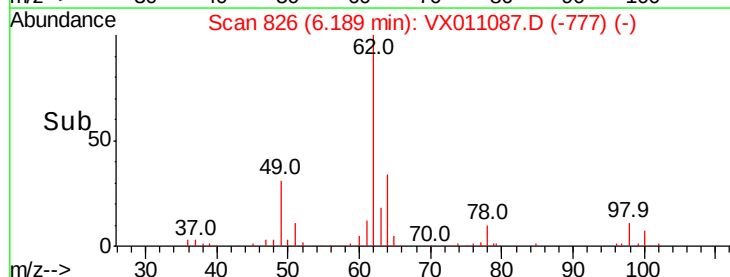
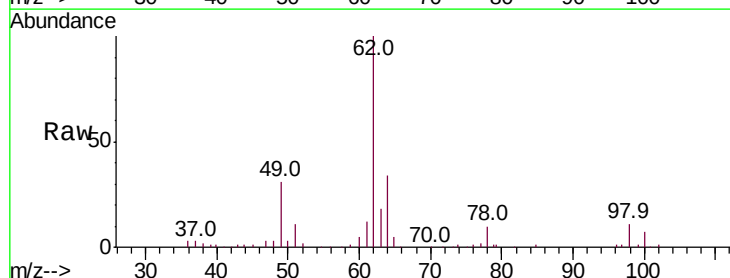
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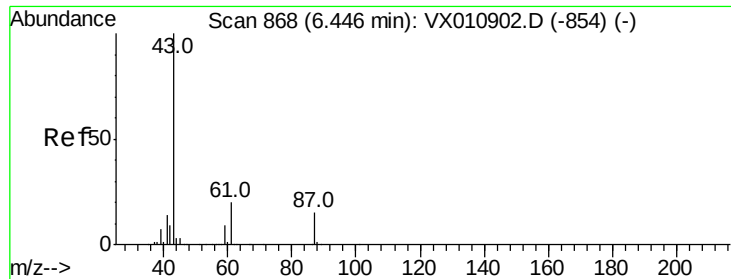
MMDadoda
7/29/2019 11:53:39 AM



#42
1,2-Dichloroethane
Concen: 19.342 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.0	0.0	20.0	





#43

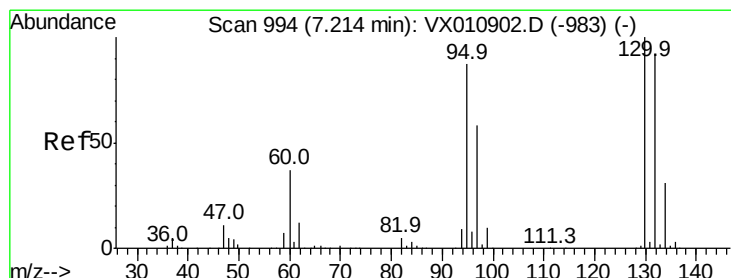
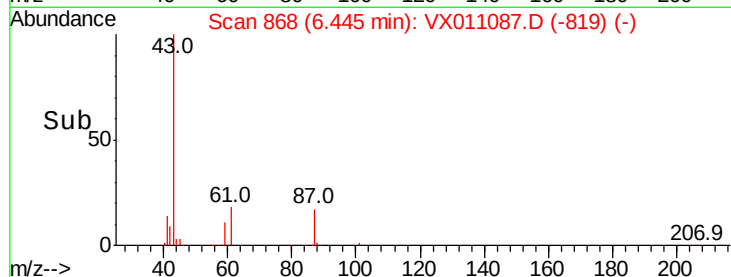
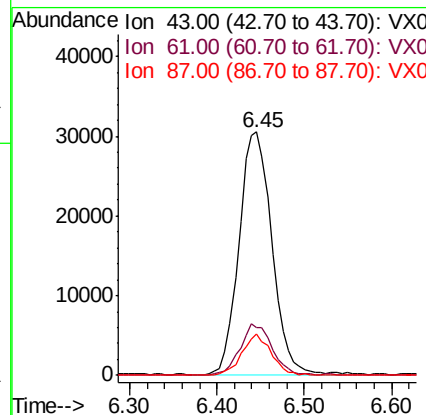
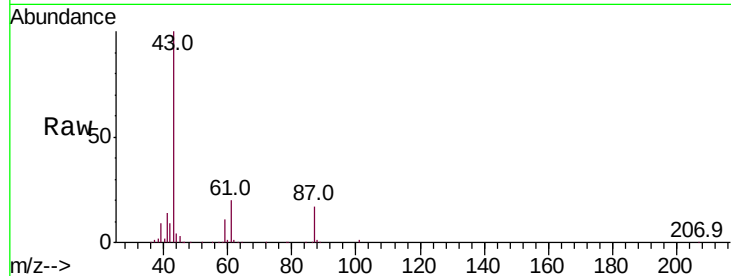
Isopropyl Acetate
 Concen: 19.289 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion	43	61	87
Resp	79202		
Ratio	100	20.7	15.3
Lower		17.1	12.0
Upper		25.7	18.0

Manual Integrations
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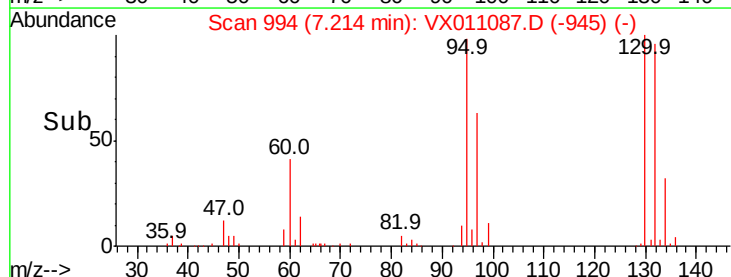
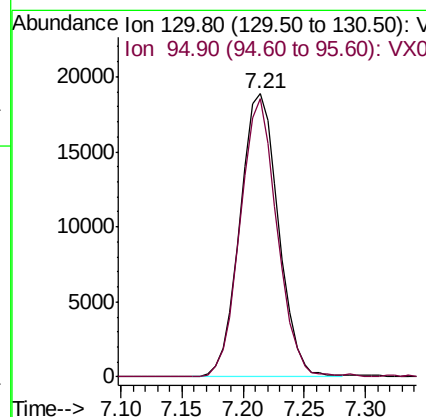
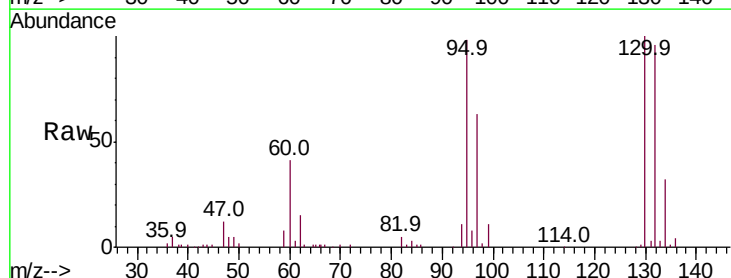
MMDadoda
 7/29/2019 11:53:39 AM

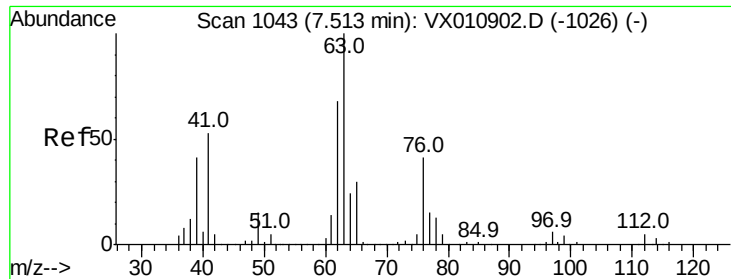


#44

Trichloroethene
 Concen: 18.624 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion	130	95
Resp	41182	
Ratio	100	98.3
Lower		0.0
Upper		174.8





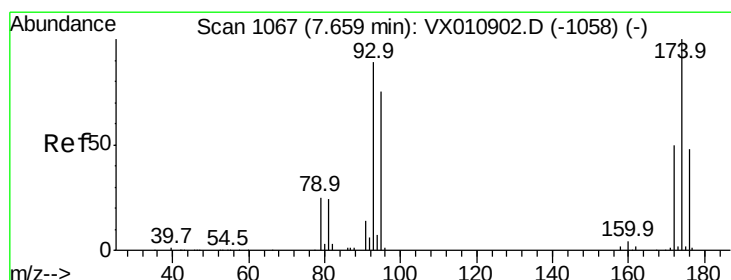
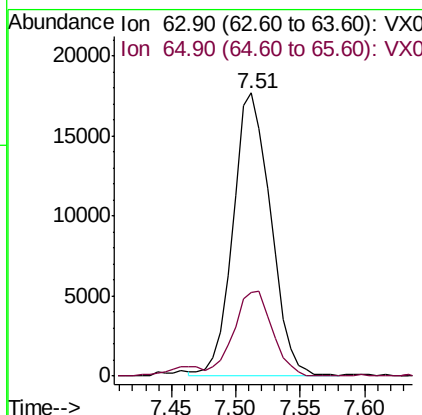
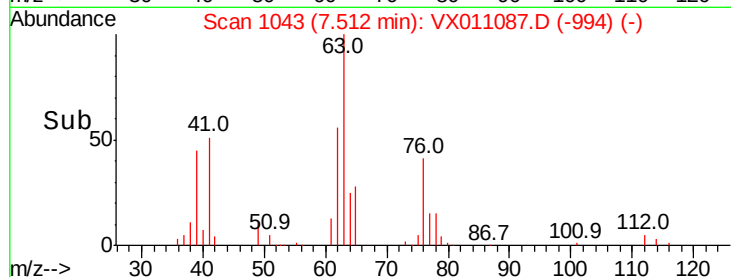
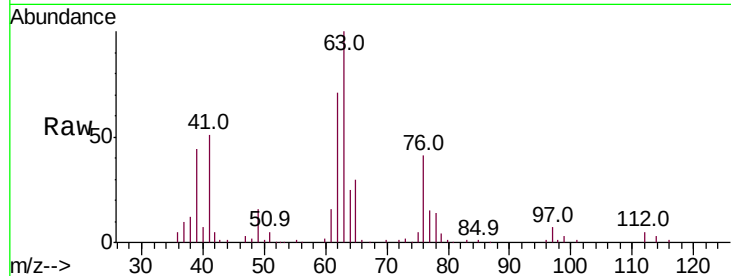
#45
 1,2-Dichloropropane
 Concen: 18.885 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion: 63 Resp: 35907
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.4 36.6

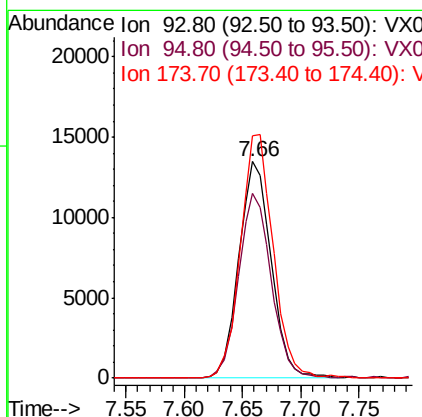
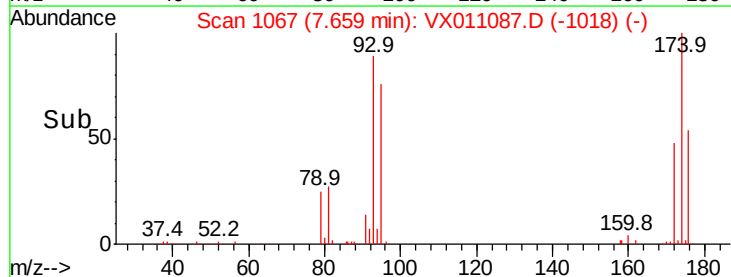
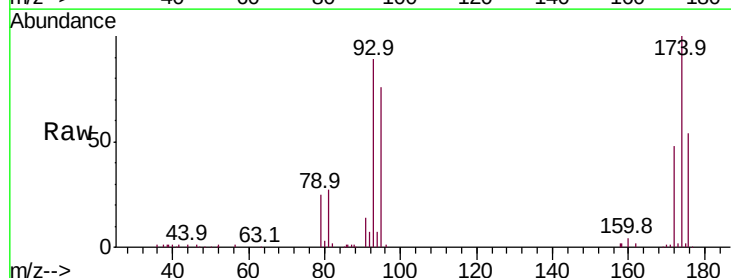
Manual Integrations
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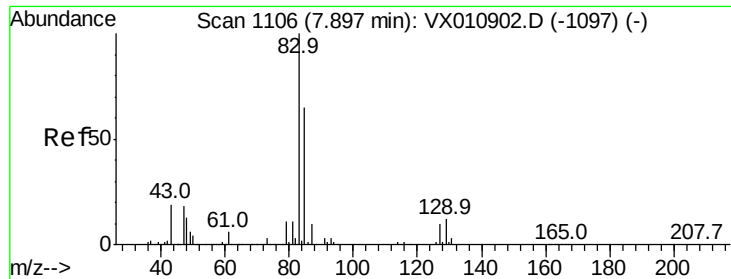
MMDadoda
 7/29/2019 11:53:39 AM



#46
 Dibromomethane
 Concen: 19.251 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion: 93 Resp: 26155
 Ion Ratio Lower Upper
 93 100
 95 86.3 67.2 100.8
 174 113.7 90.6 135.8





#47

Bromodichloromethane

Concen: 19.344 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

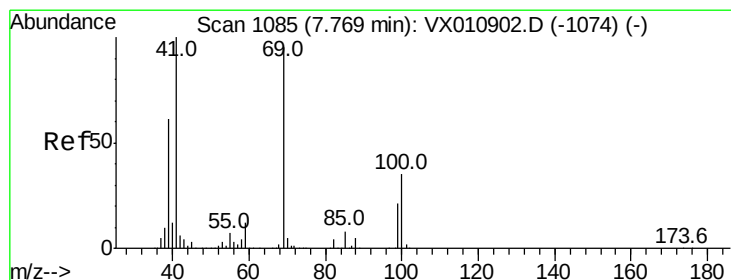
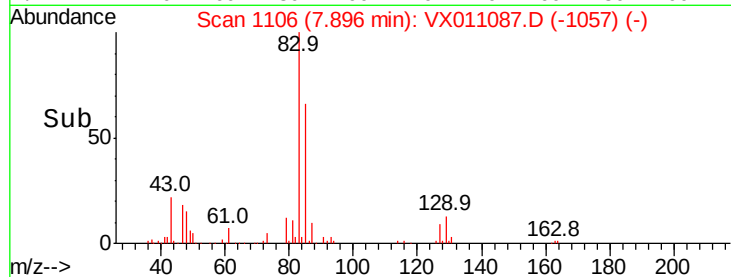
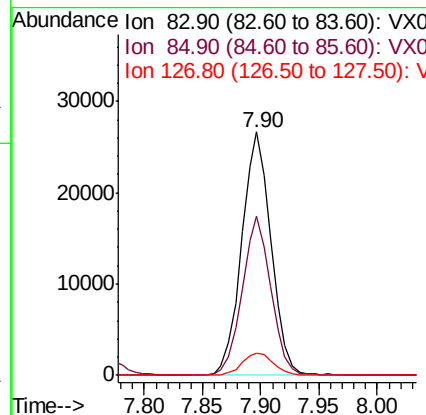
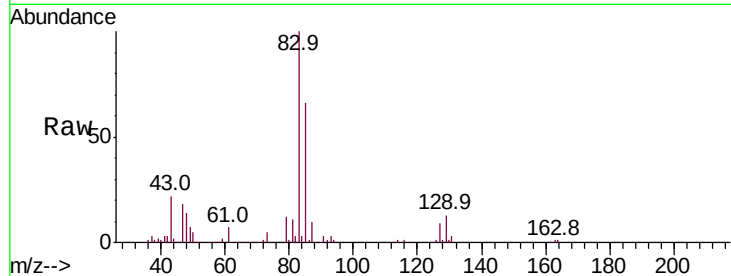
ClientSampleId :

VX0726WBSD01

Tot Ion:	83	Resp:	46783
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.5	78.7
127	9.1	7.8	11.8

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MMDadoda
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#48

Methyl methacrylate

Concen: 19.184 ug/l

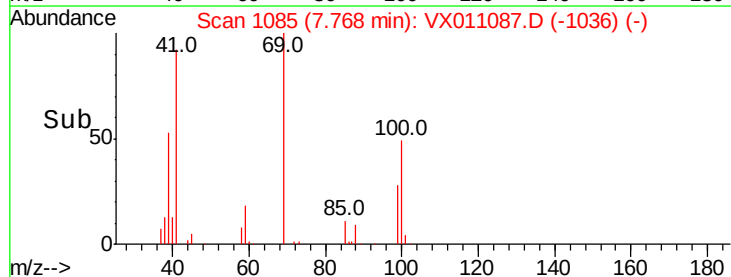
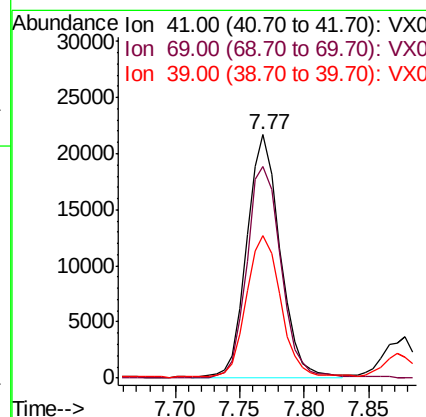
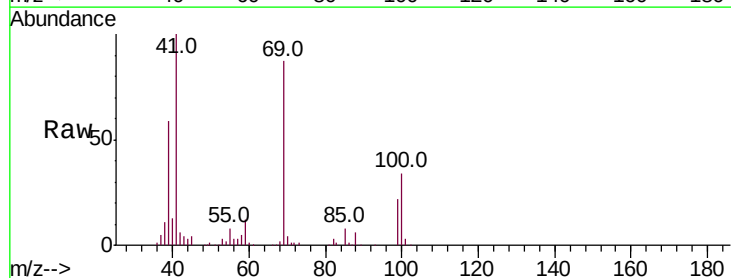
RT: 7.77 min Scan# 1085

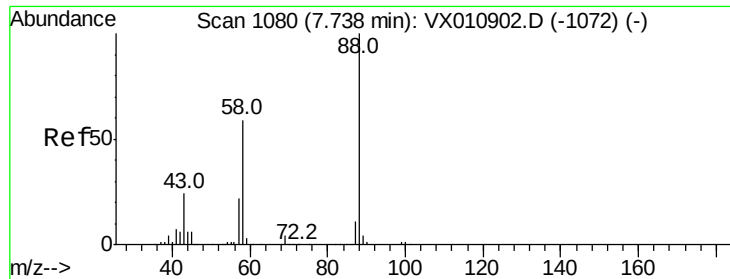
Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Tgt Ion:	41	Resp:	38374
Ion	Ratio	Lower	Upper
41	100		
69	90.5	74.4	111.6
39	60.0	48.9	73.3





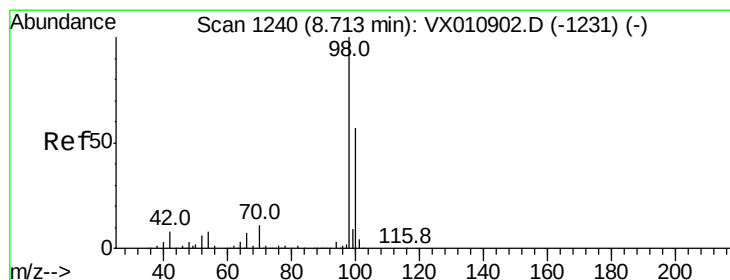
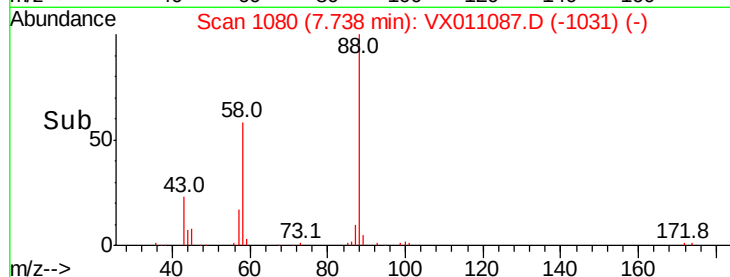
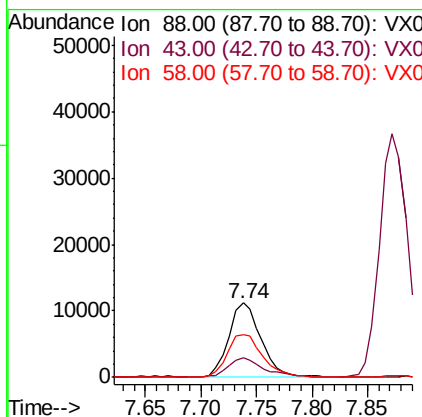
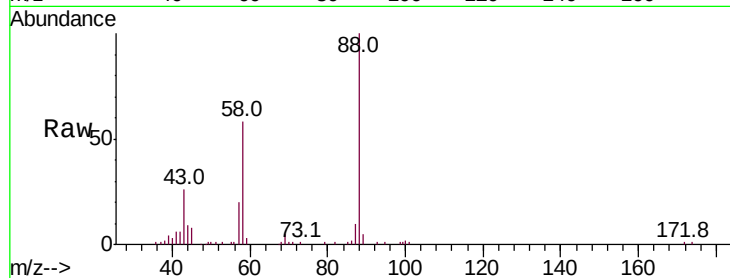
#49
1,4-Dioxane
Concen: 404.265 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.2	22.9	34.3
58	63.1	49.8	74.8

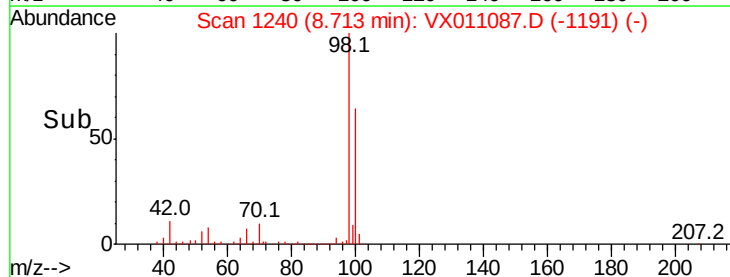
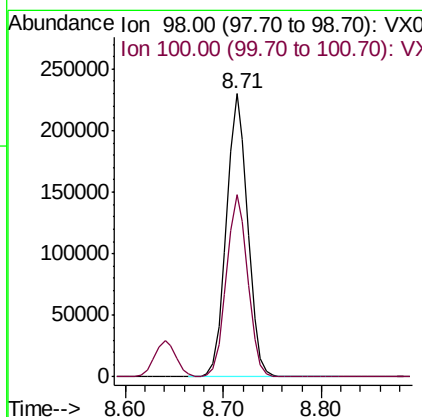
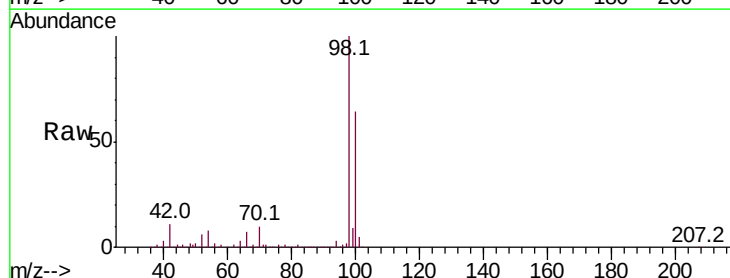
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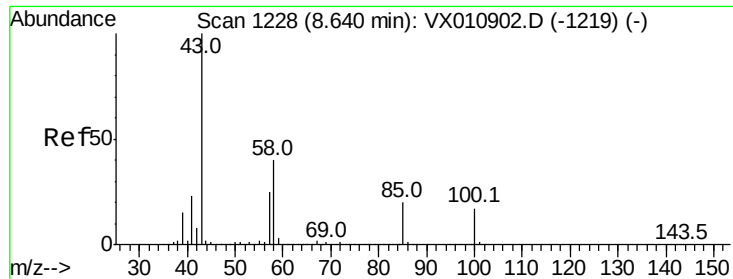
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#50
Toluene-d8
Concen: 48.996 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 98.248 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion: 43 Resp: 261513

Ion Ratio Lower Upper

43 100

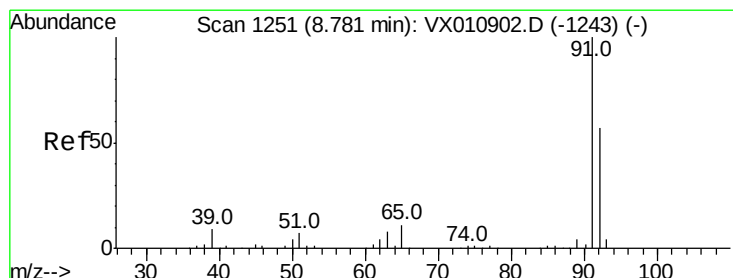
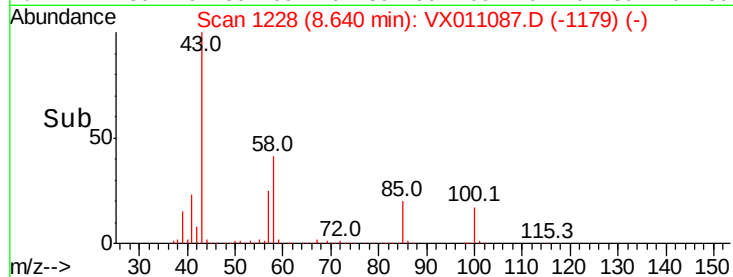
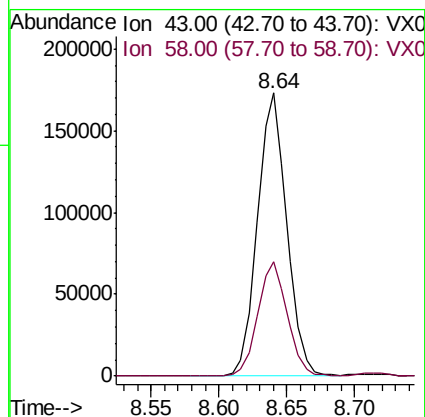
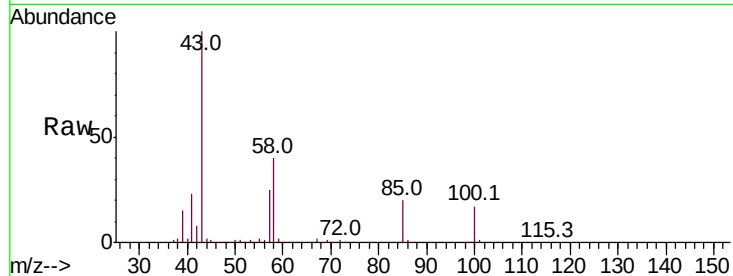
58 40.6 32.2 48.4

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#52

Toluene

Concen: 19.193 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011087.D

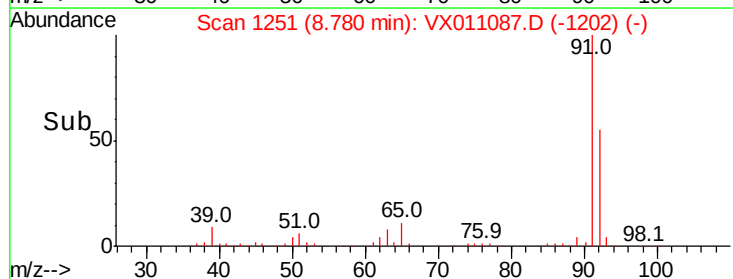
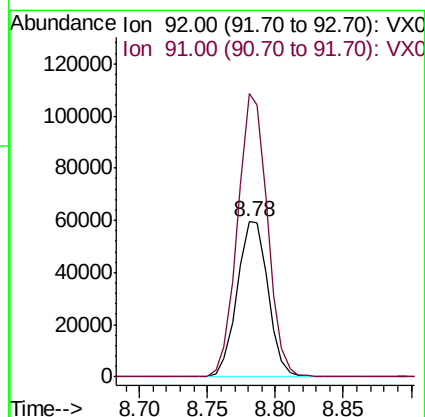
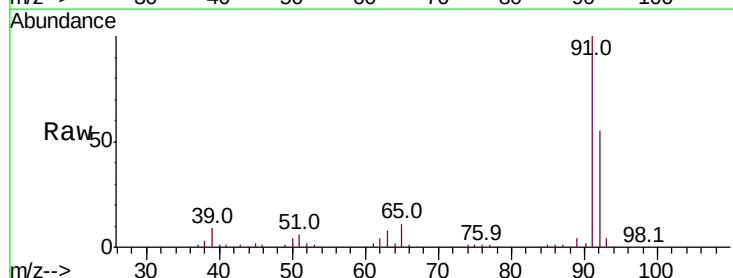
Acq: 26 Jul 2019 13:52

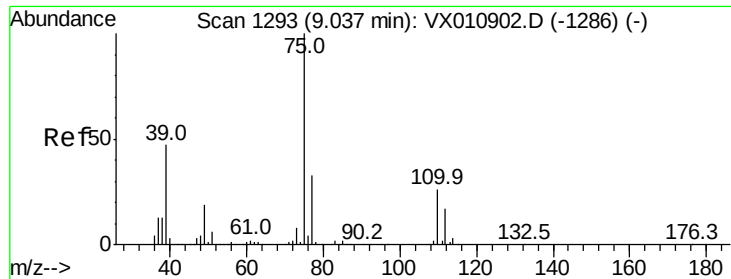
Tgt Ion: 92 Resp: 94190

Ion Ratio Lower Upper

92 100

91 176.7 139.4 209.0





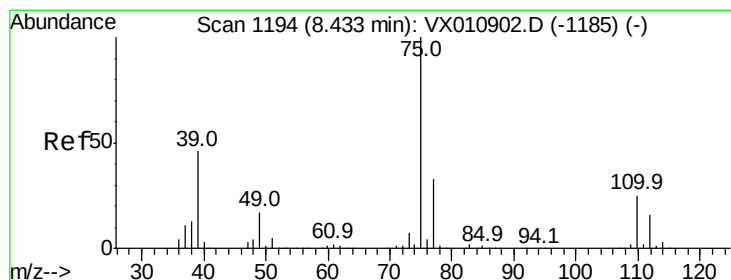
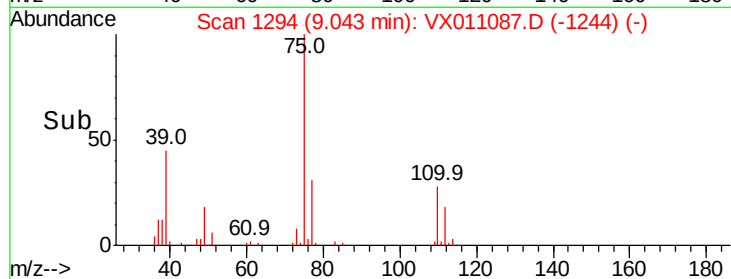
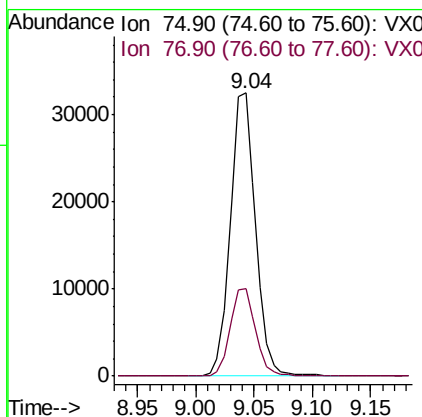
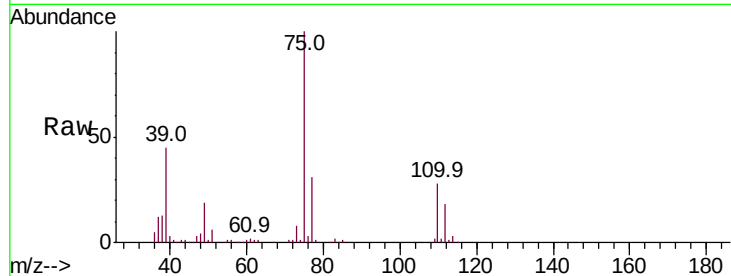
#53
 t-1,3-Dichloropropene
 Concen: 18.839 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0726WBSD01

Tot Ion: 75 Resp: 48991
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.2

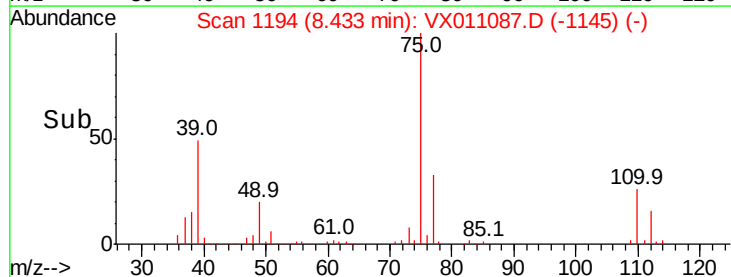
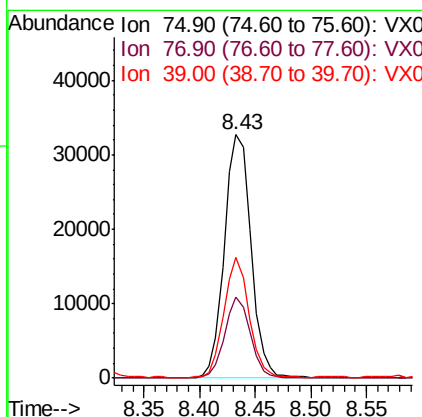
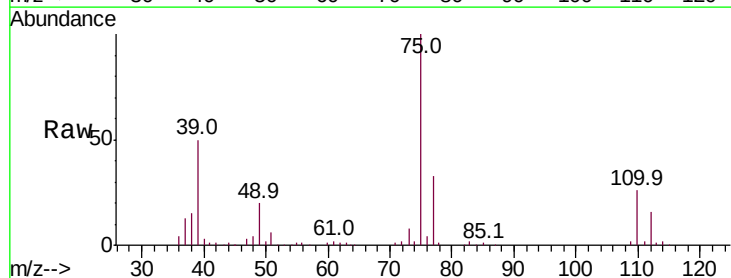
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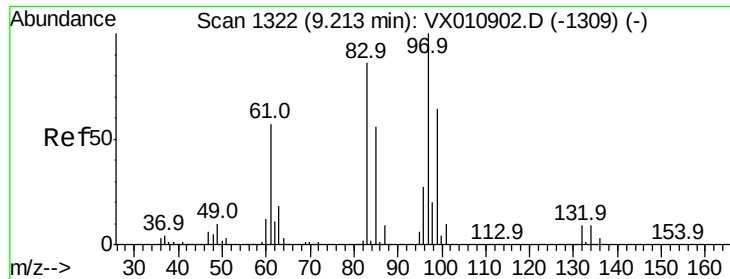
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 18.820 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion: 75 Resp: 54459
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.1 39.1
 39 49.2 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 19.670 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

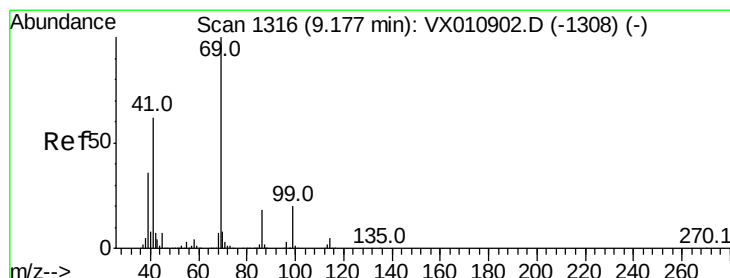
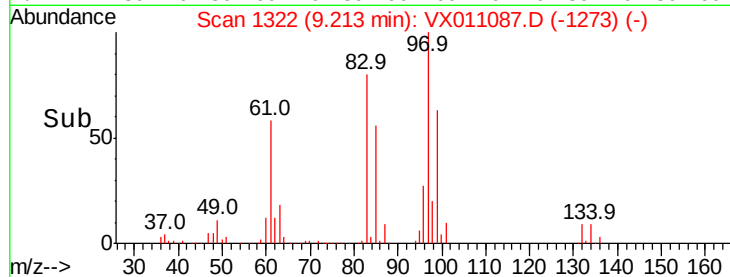
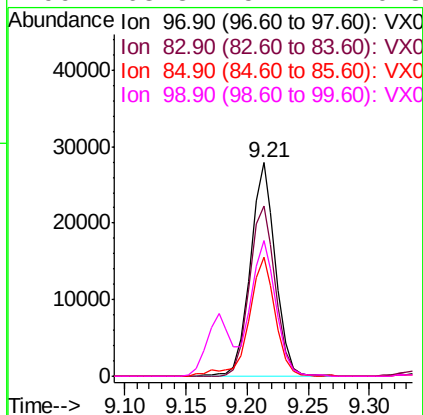
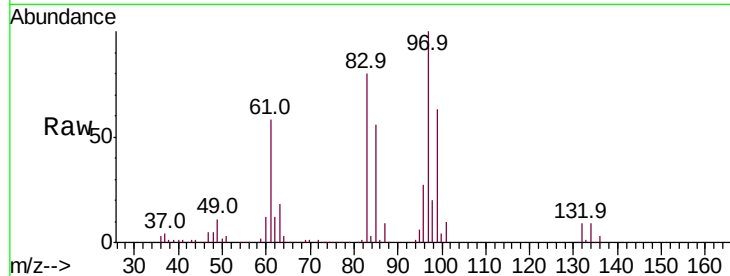
ClientSampleId :

VX0726WBSD01

Tot Ion:	97	Resp:	39746
Ion	Ratio	Lower	Upper
97	100		
83	80.0	69.2	103.8
85	55.9	44.6	66.8
99	63.3	51.2	76.8

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7/29/2019 11:53:39 AM



#56

Ethyl methacrylate

Concen: 19.391 ug/l

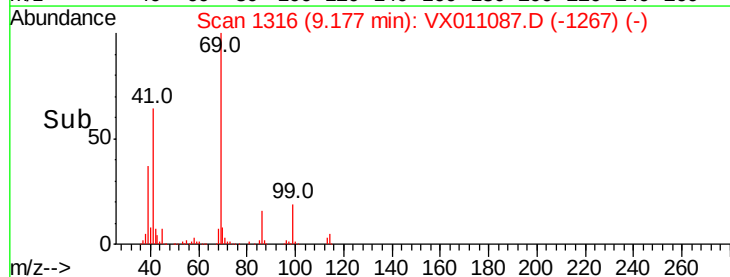
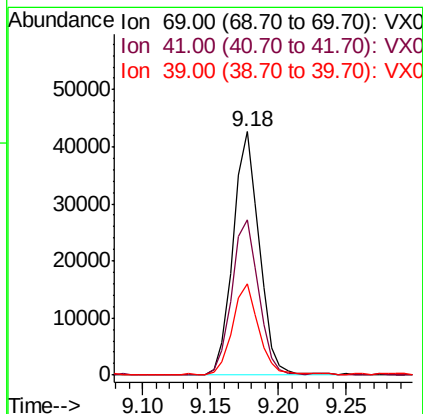
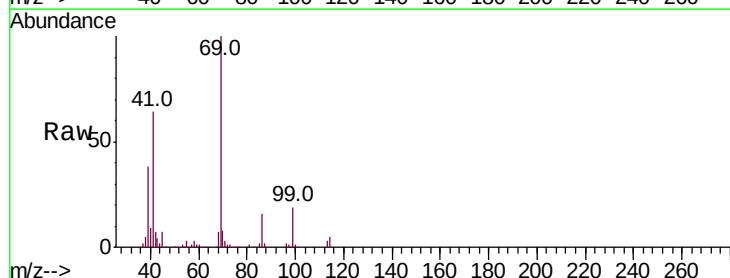
RT: 9.18 min Scan# 1316

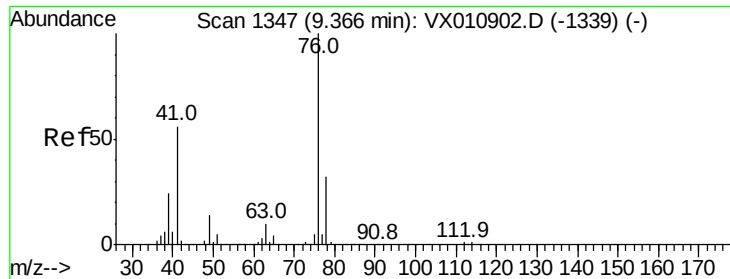
Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Tgt Ion:	69	Resp:	57315
Ion	Ratio	Lower	Upper
69	100		
41	65.5	49.7	74.5
39	37.0	29.6	44.4





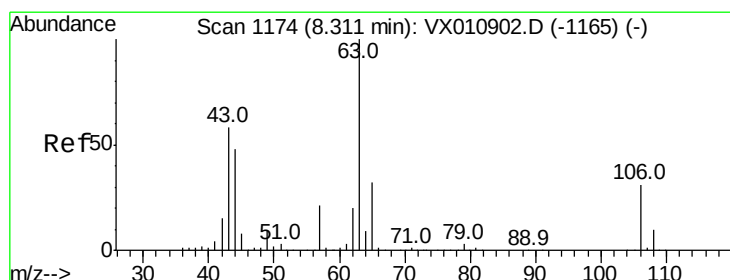
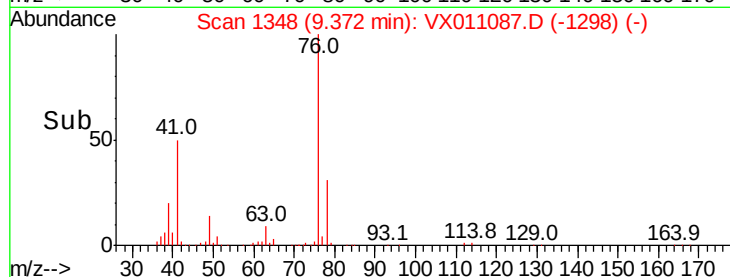
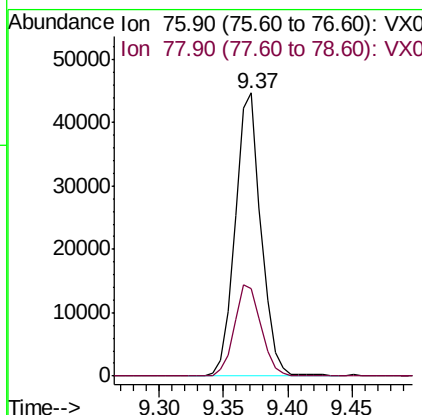
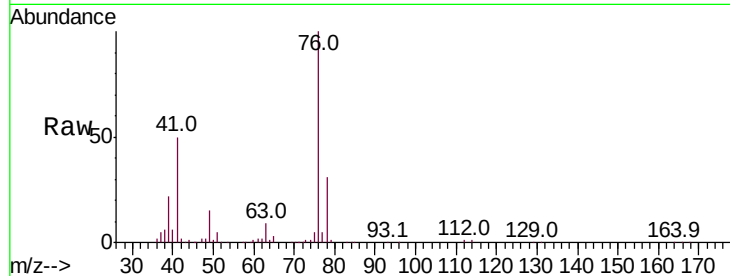
#57
 1,3-Dichloropropane
 Concen: 19.449 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion: 76 Resp: 62344
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.6 38.4

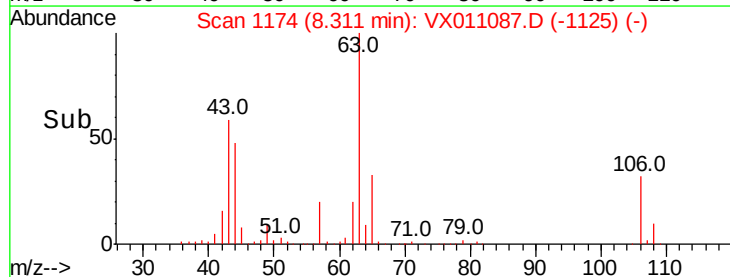
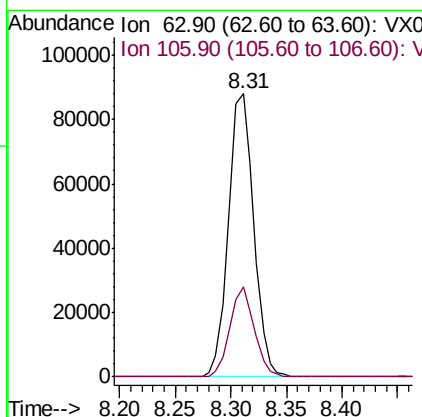
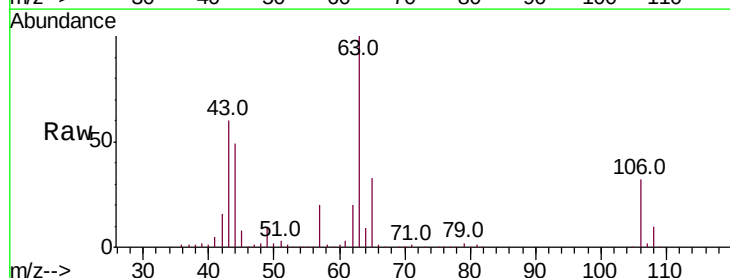
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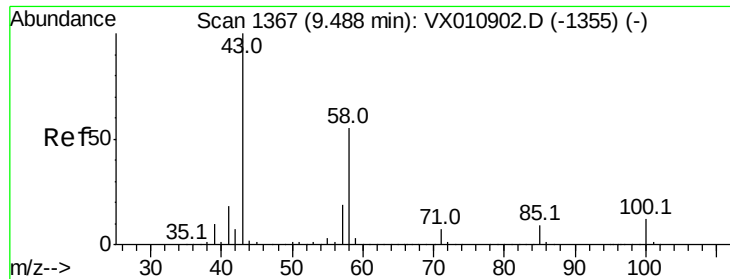
MMDadoda
 7/29/2019 11:53:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.459 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion: 63 Resp: 138920
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.0 36.0





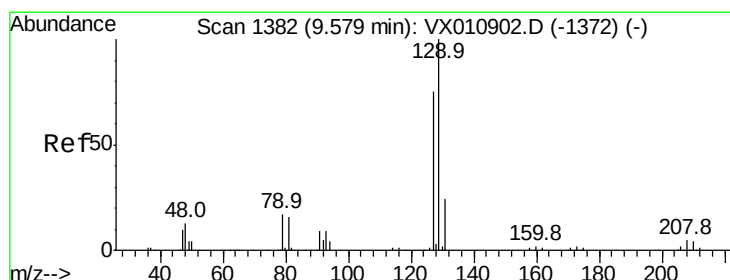
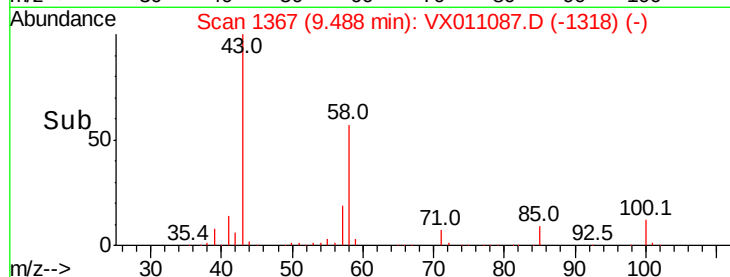
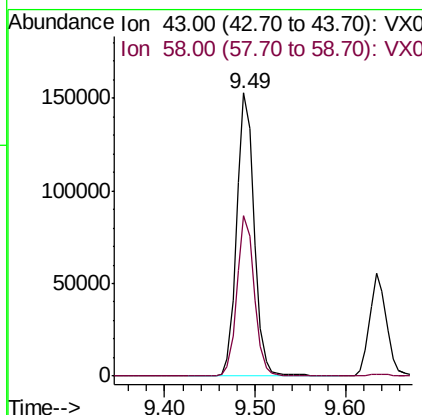
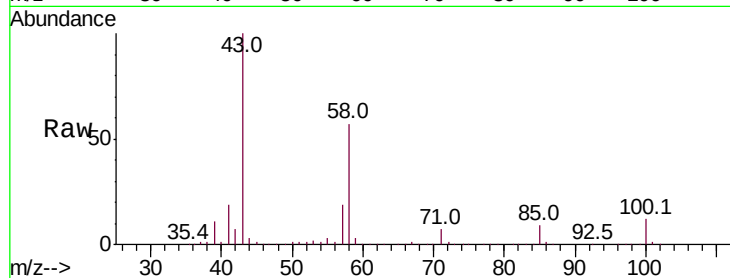
#59
2-Hexanone
Concen: 98.419 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.4	28.0	83.9

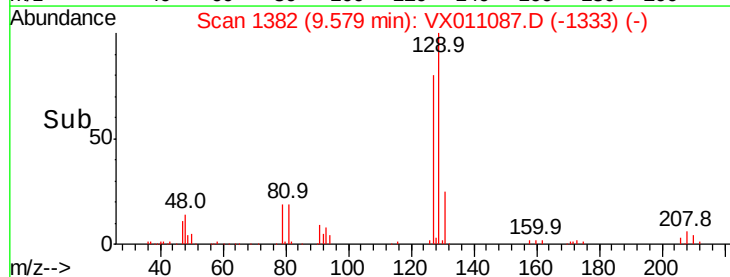
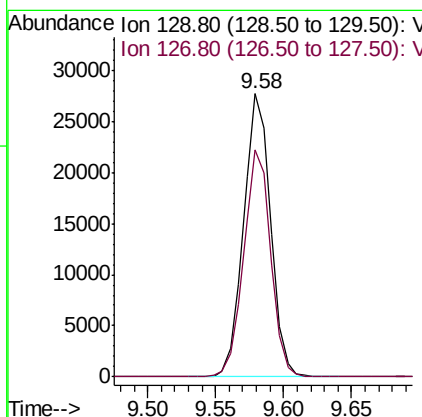
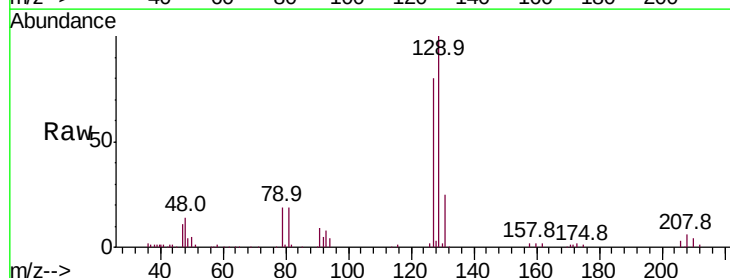
Manual Integrations
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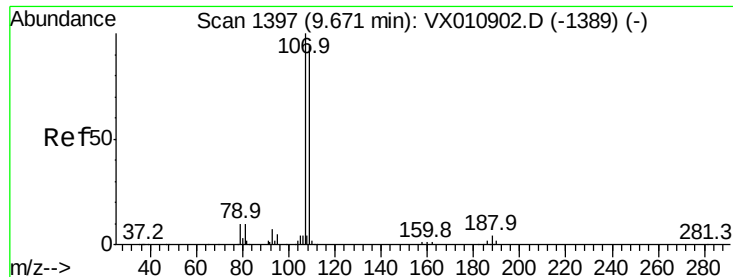
MMDadoda
7/29/2019 11:53:39 AM



#60
Dibromochloromethane
Concen: 18.226 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
129	100		
127	80.0	38.6	115.8





#61

1,2-Dibromoethane

Concen: 19.191 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion:107 Resp: 41154

Ion Ratio Lower Upper

107 100

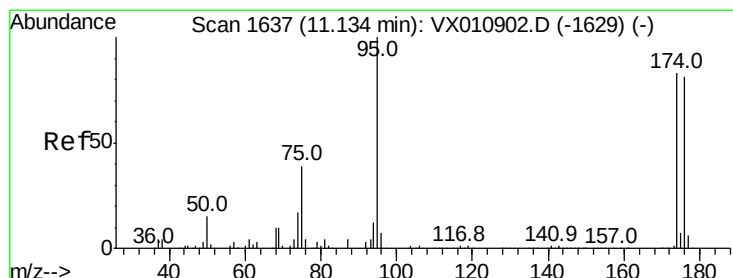
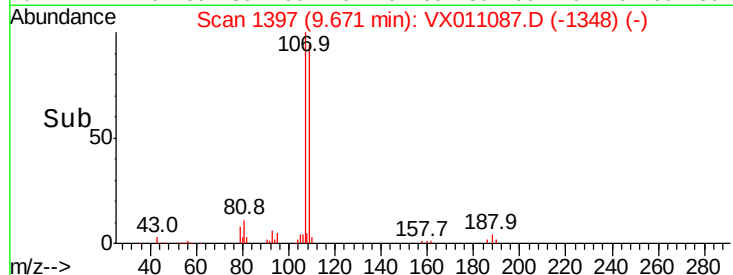
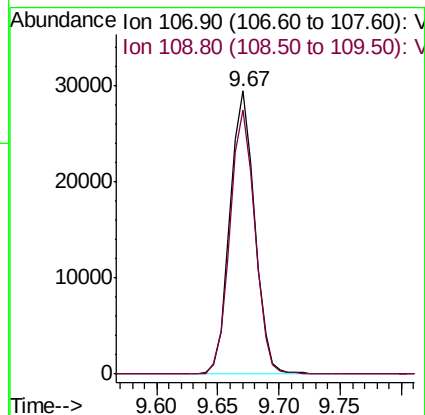
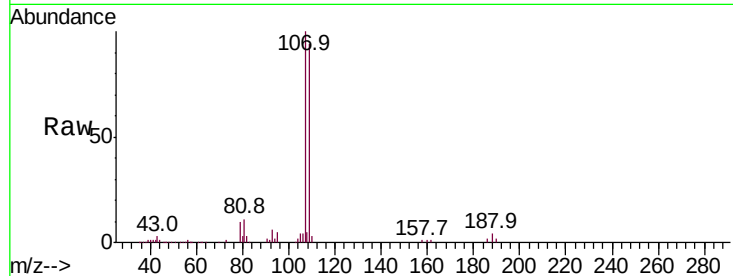
109 93.7 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 49.431 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

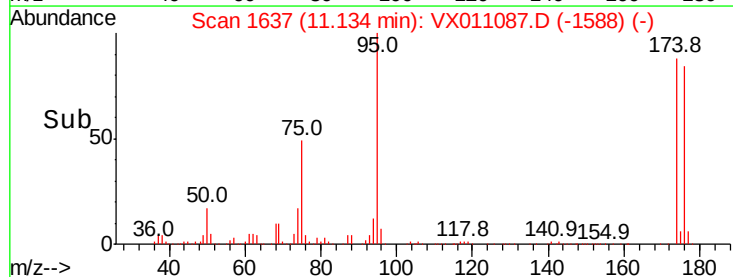
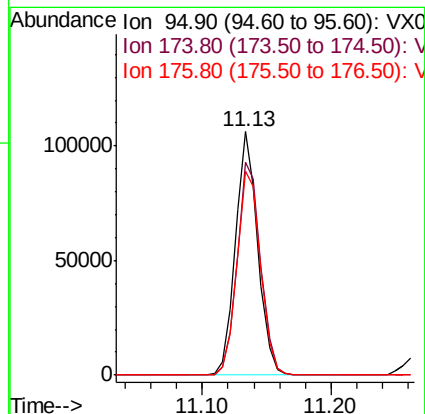
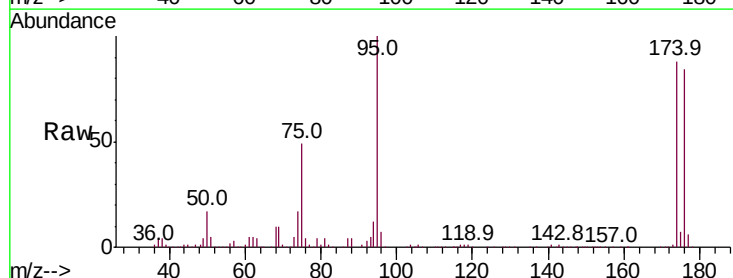
Tgt Ion: 95 Resp: 128420

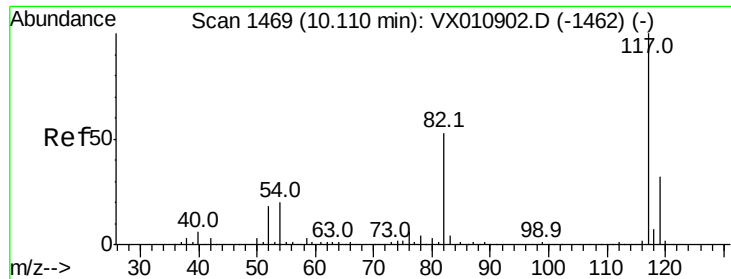
Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.6

176 88.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion:117 Resp: 268418

Ion Ratio Lower Upper

117 100

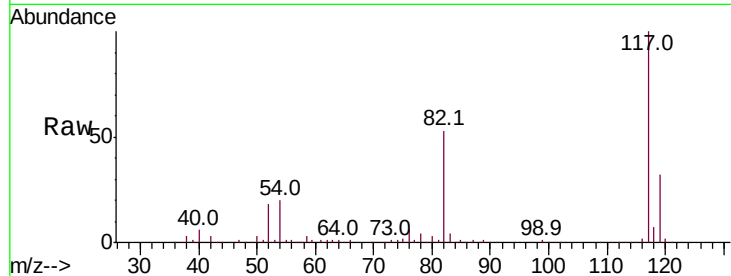
82 53.0 42.6 63.8

119 32.4 25.9 38.9

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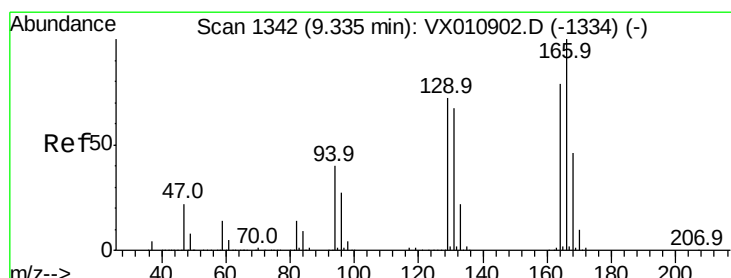
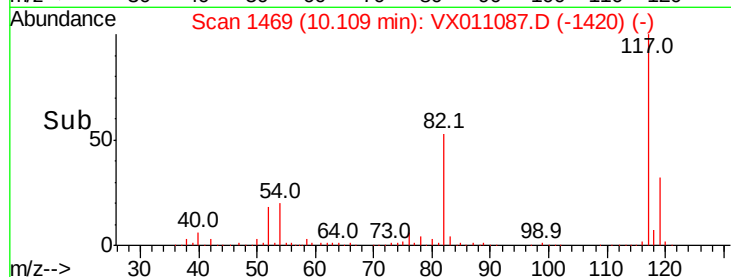
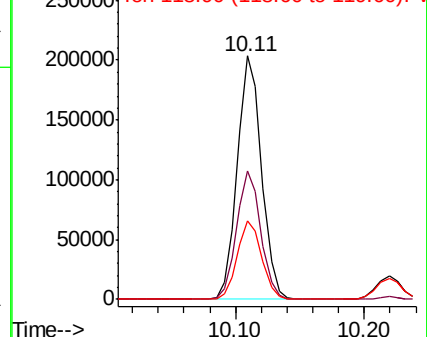


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.203 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Tgt Ion:164 Resp: 40548

Ion Ratio Lower Upper

164 100

166 131.4 100.8 151.2

129 95.9 72.6 109.0

131 89.5 67.7 101.5

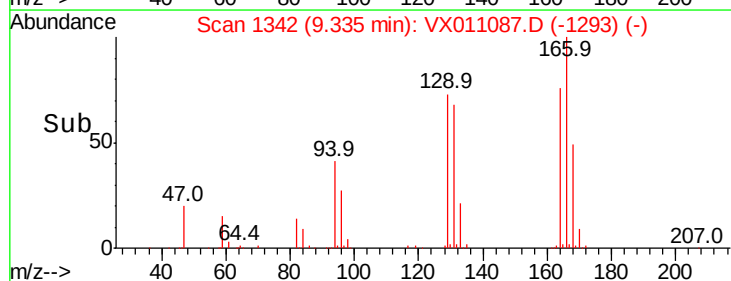
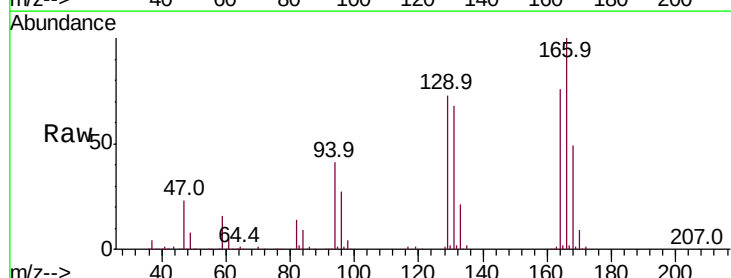
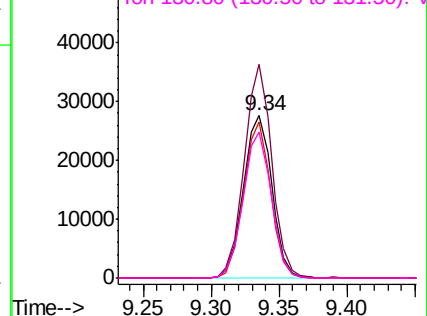
Abundance

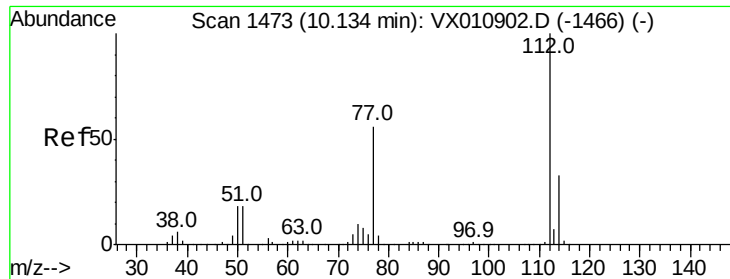
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





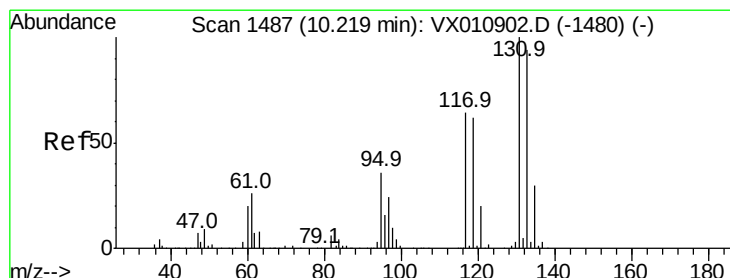
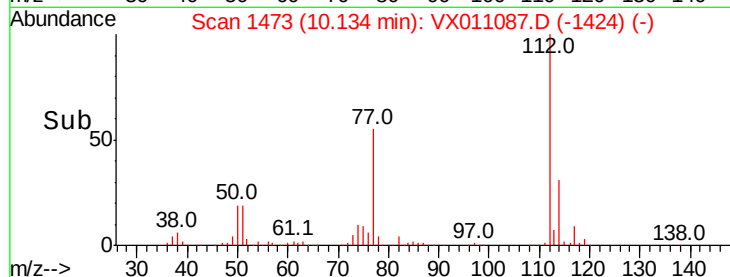
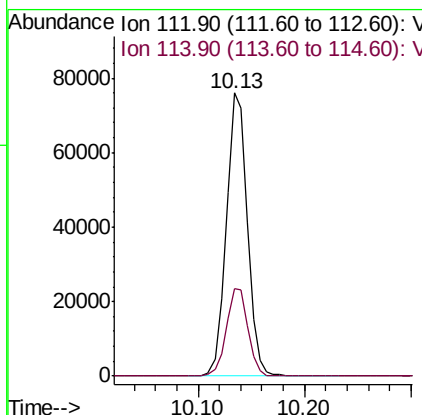
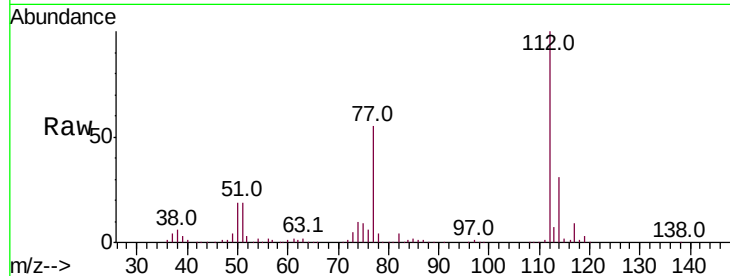
#65
Chlorobenzene
Concen: 19.046 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion:112 Resp: 105002
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.4

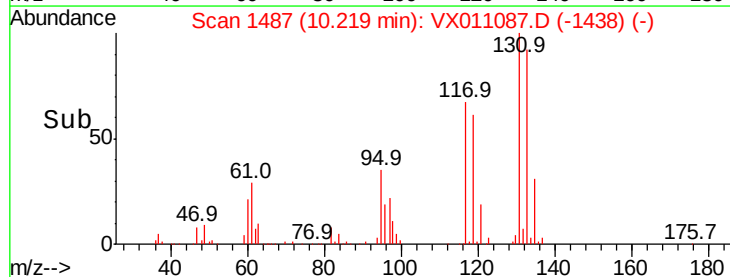
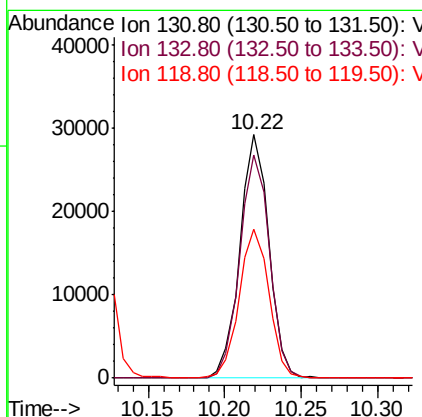
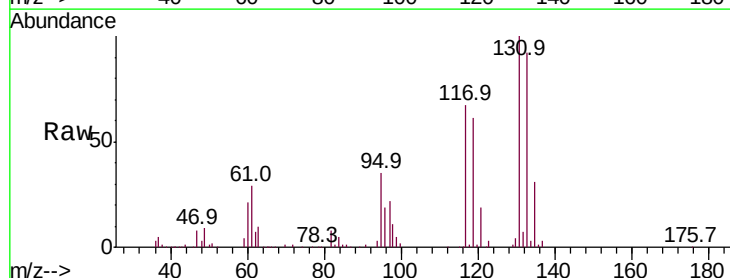
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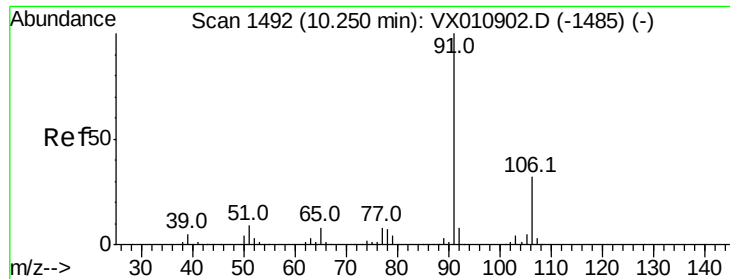
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.867 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion:131 Resp: 38494
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.4
119 63.1 31.9 95.7





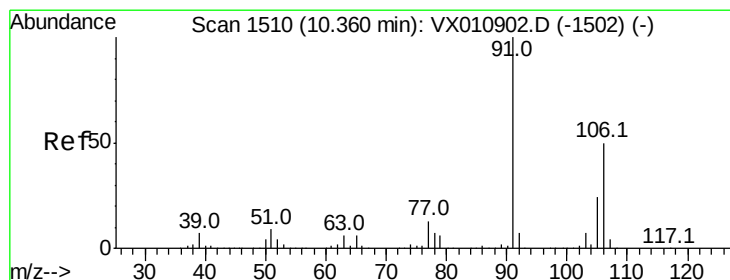
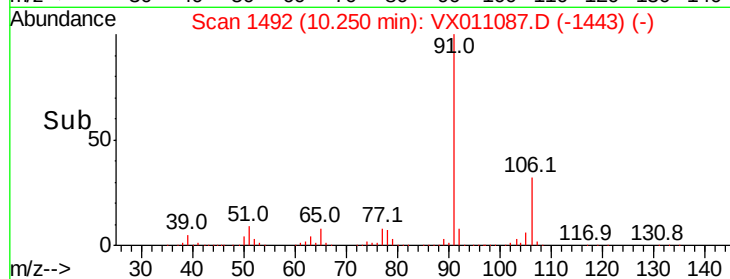
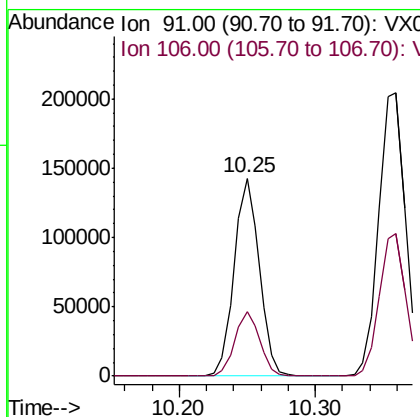
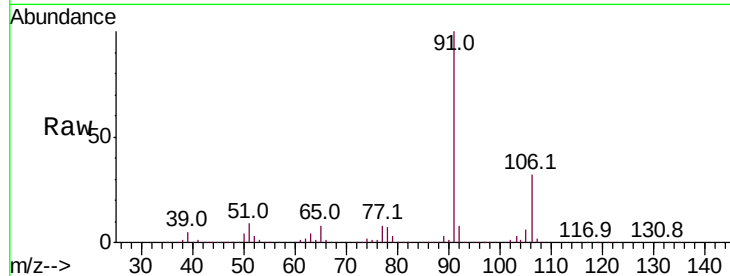
#67
Ethyl Benzene
Concen: 19.547 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion: 91 Resp: 183425
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2

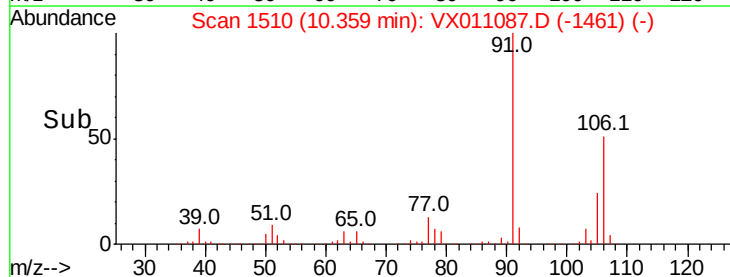
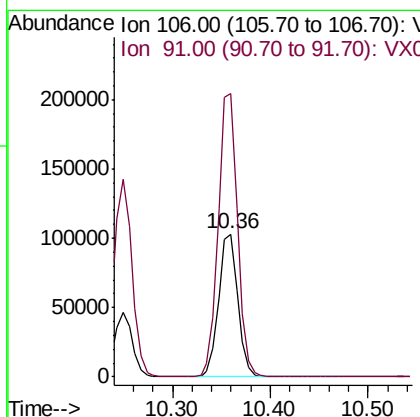
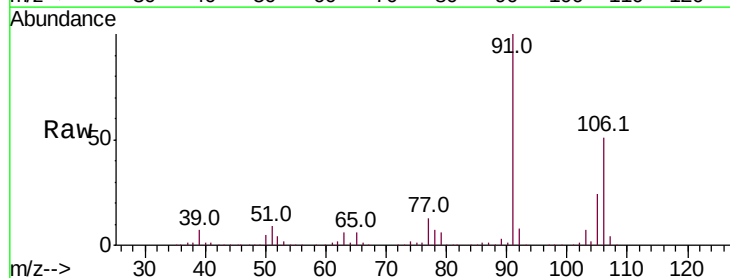
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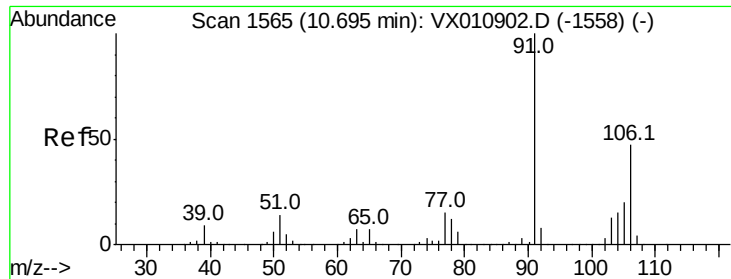
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#68
m/p-Xylenes
Concen: 39.069 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion: 106 Resp: 140633
Ion Ratio Lower Upper
106 100
91 199.3 160.1 240.1





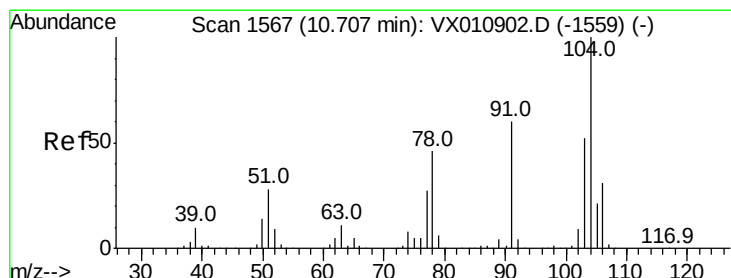
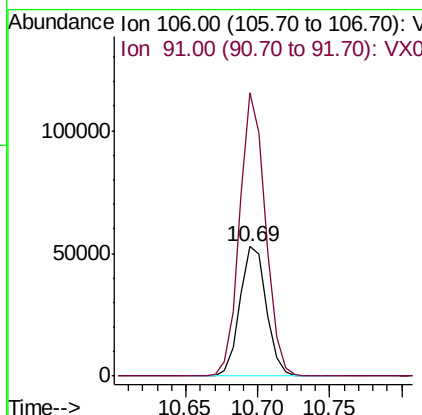
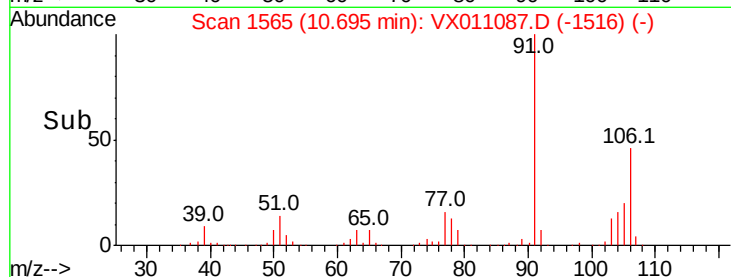
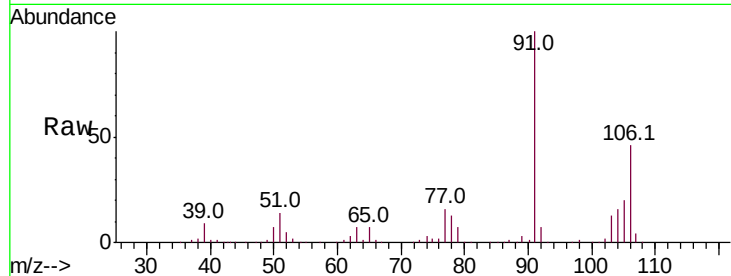
#69
o-Xylene
Concen: 19.287 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion:106 Resp: 67757
Ion Ratio Lower Upper
106 100
91 212.1 105.1 315.3

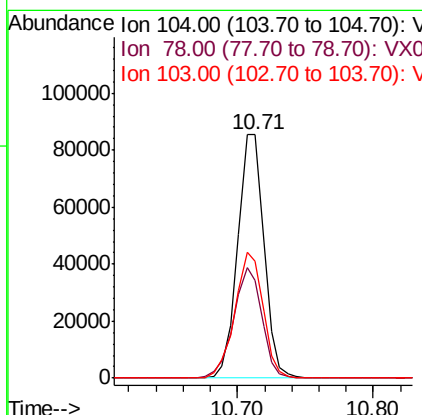
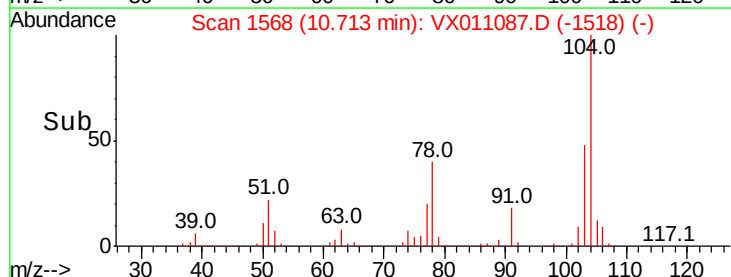
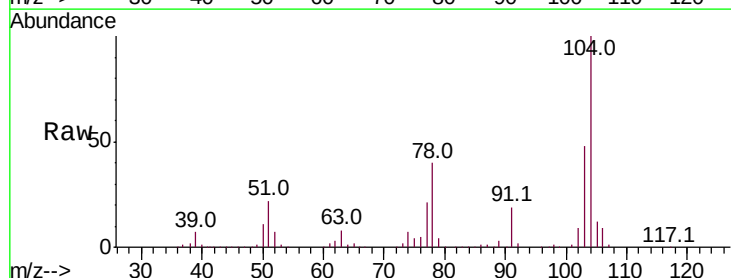
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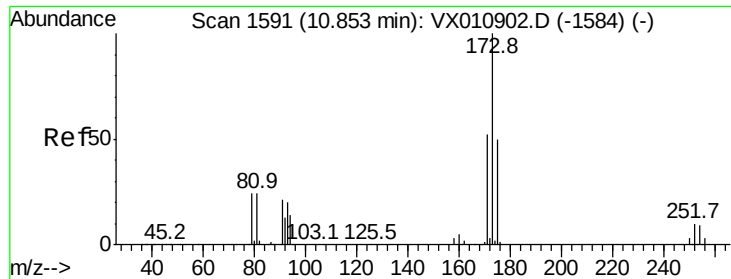
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#70
Styrene
Concen: 19.710 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion:104 Resp: 115427
Ion Ratio Lower Upper
104 100
78 48.9 38.8 58.2
103 55.4 44.2 66.4





#71

Bromoform

Concen: 17.755 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion:173 Resp: 28268

Ion Ratio Lower Upper

173 100

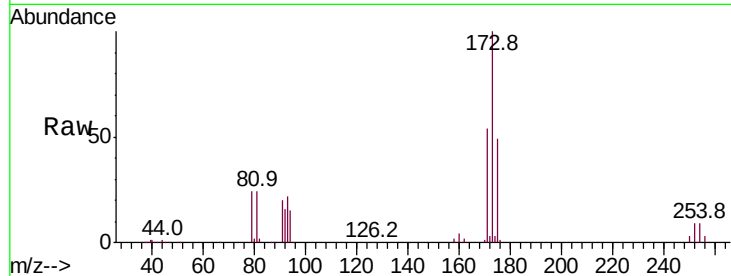
175 49.2 24.6 73.6

254 0.1 0.1 0.1

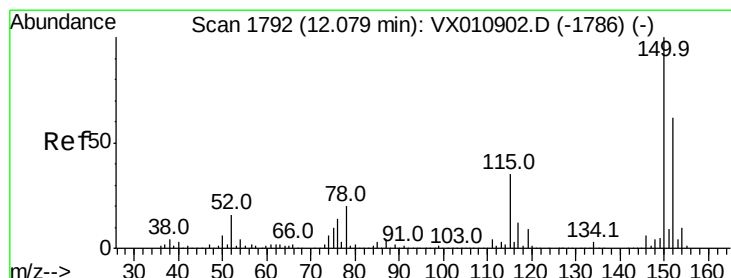
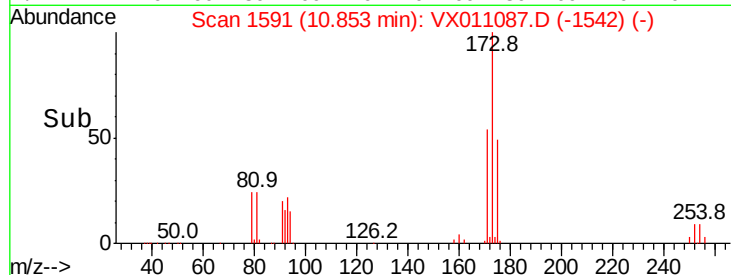
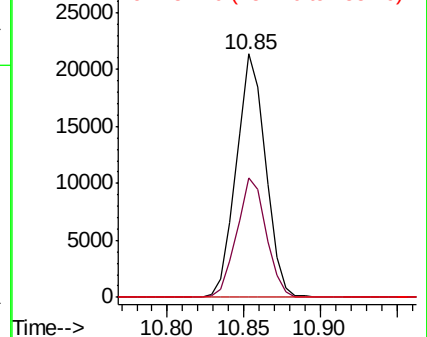
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

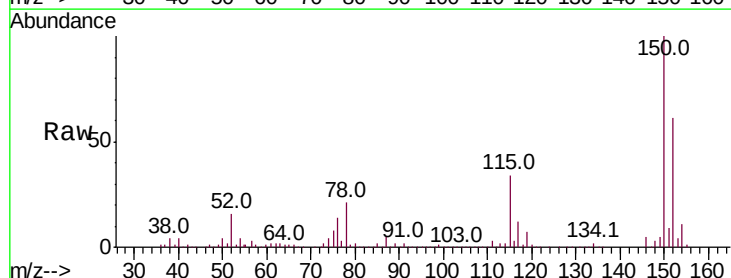
Tgt Ion:152 Resp: 142515

Ion Ratio Lower Upper

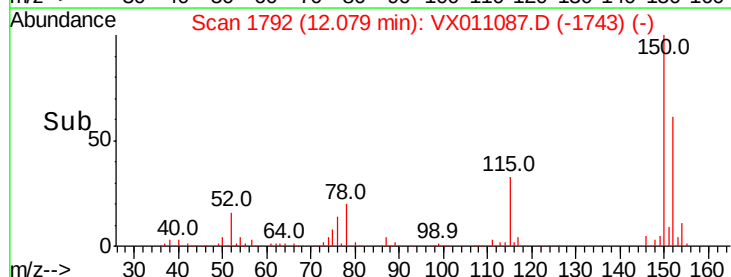
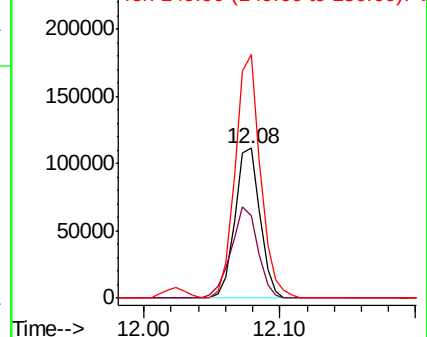
152 100

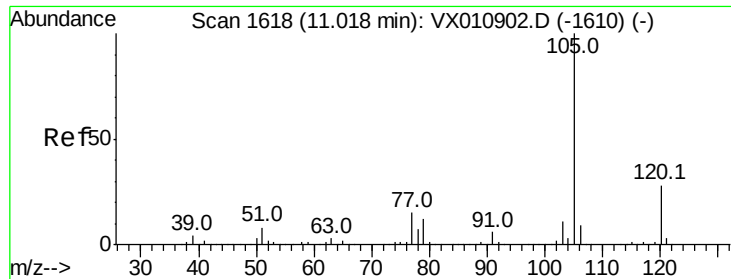
115 65.1 39.7 119.1

150 163.5 0.0 345.6



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





#73

Isopropylbenzene

Concen: 19.079 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion: 105 Resp: 183729

Ion Ratio Lower Upper

105 100

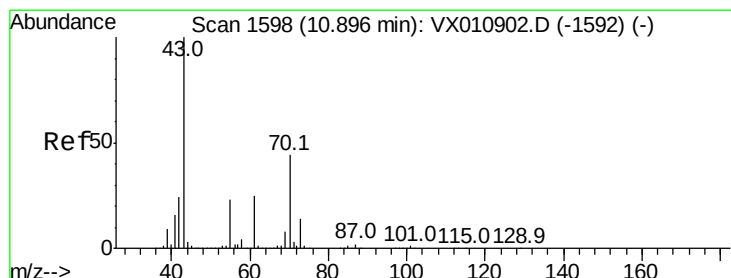
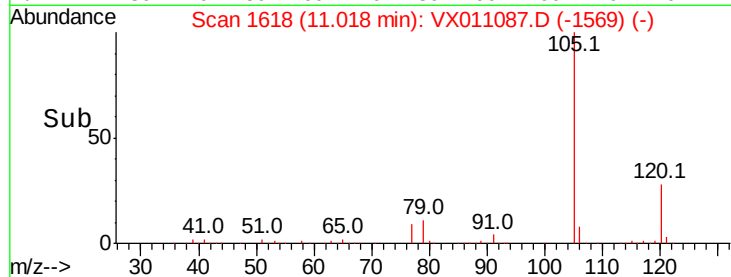
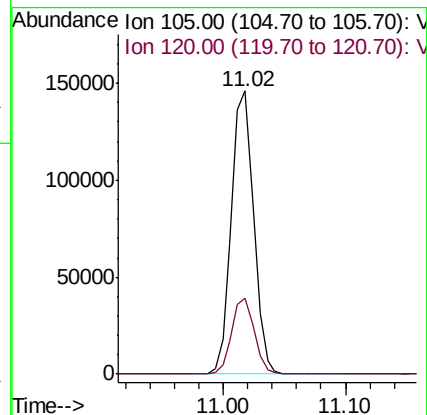
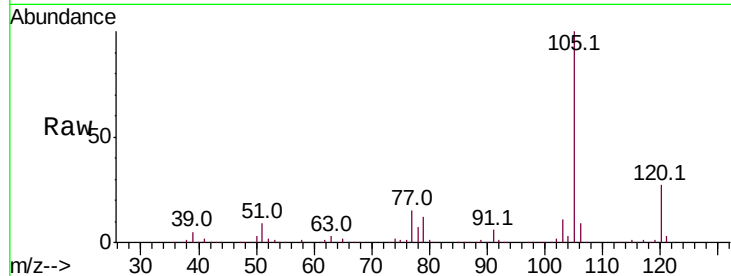
120 27.1 13.7 41.1

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#74

N-ethyl acetate

Concen: 18.920 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Tgt Ion: 43 Resp: 69615

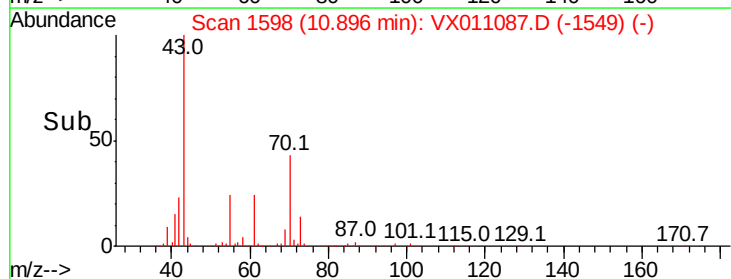
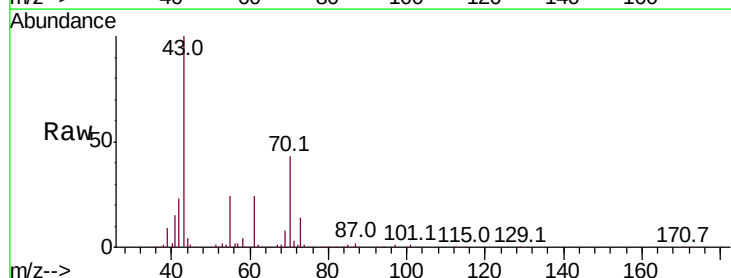
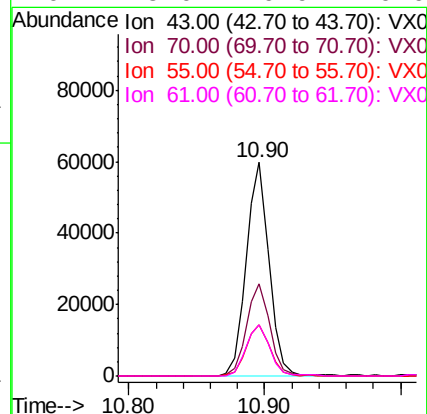
Ion Ratio Lower Upper

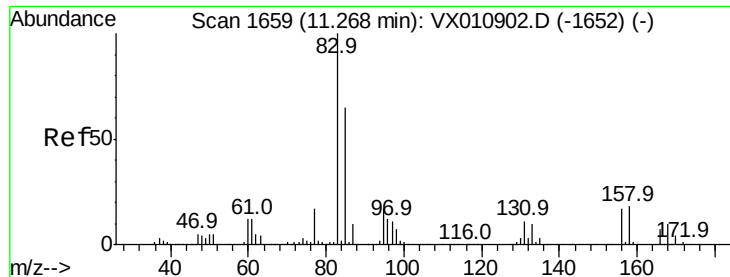
43 100

70 44.4 34.7 52.1

55 25.1 19.1 28.7

61 25.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.265 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

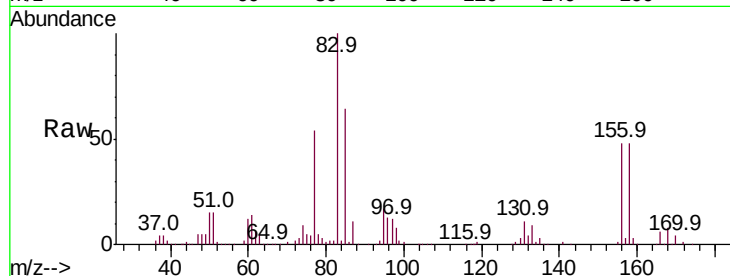
ClientSampleId :

VX0726WBSD01

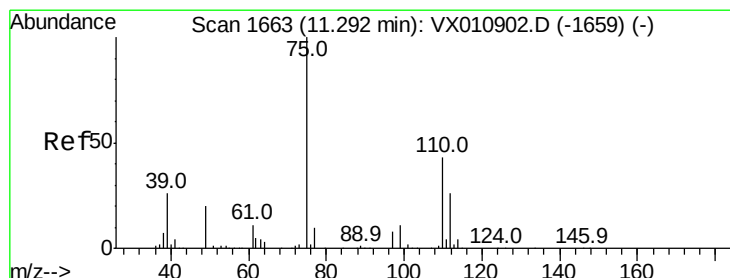
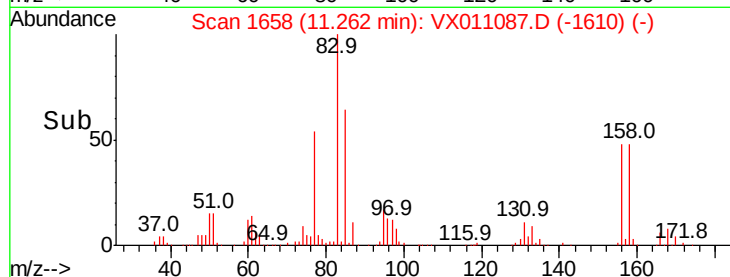
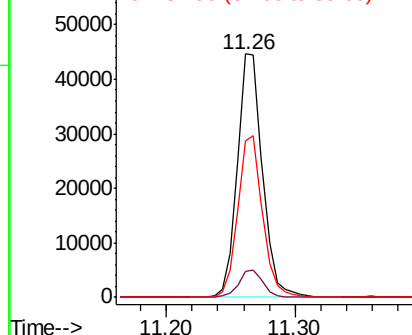
Tot Ion:	83	Resp:	60710
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	65.5	32.3	96.9

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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: 19.638 ug/l m

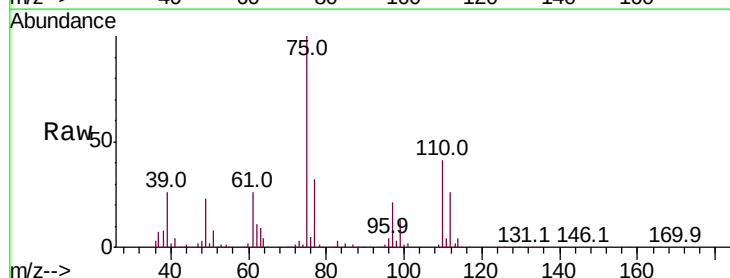
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

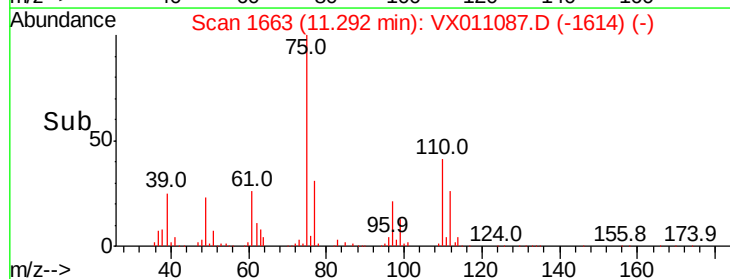
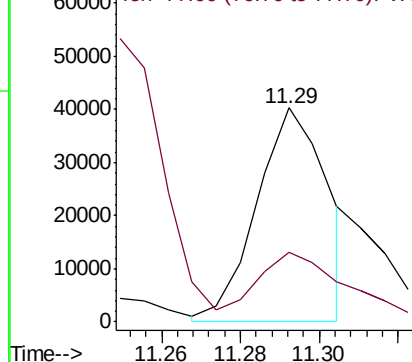
Lab File: VX011087.D

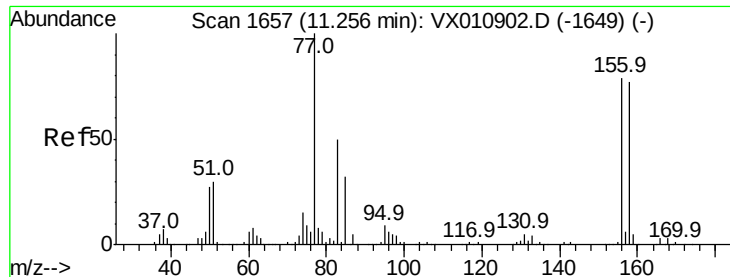
Acq: 26 Jul 2019 13:52

Tgt Ion:	75	Resp:	50505
Ion	Ratio	Lower	Upper
75	100		
77	41.8	21.3	64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.684 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion:156 Resp: 49629

Ion Ratio Lower Upper

156 100

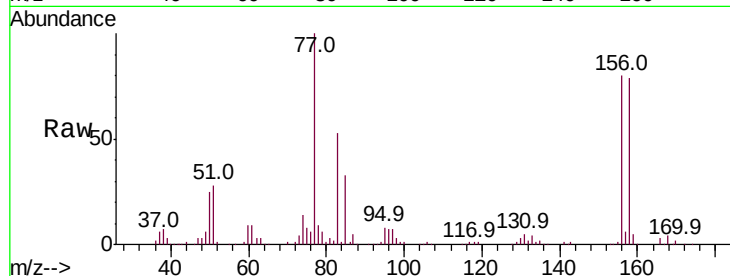
77 138.7 68.7 206.1

158 98.2 47.9 143.7

Manual Integrations
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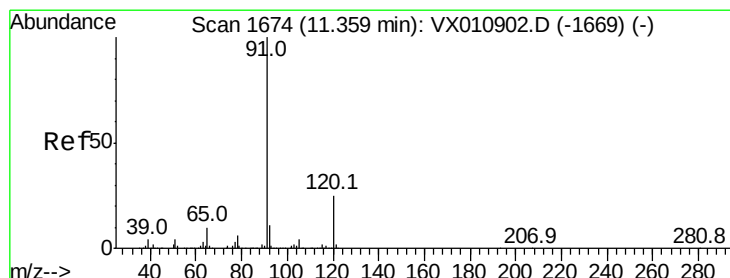
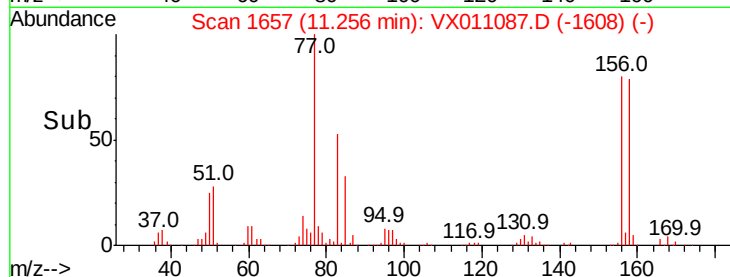
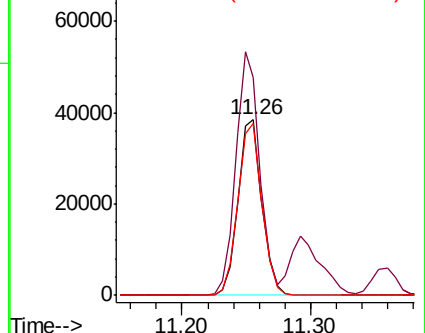
7/29/2019 11:53:39 AM



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: 19.208 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011087.D

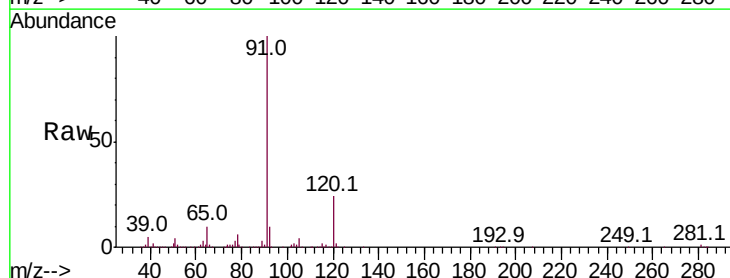
Acq: 26 Jul 2019 13:52

Tgt Ion: 91 Resp: 204372

Ion Ratio Lower Upper

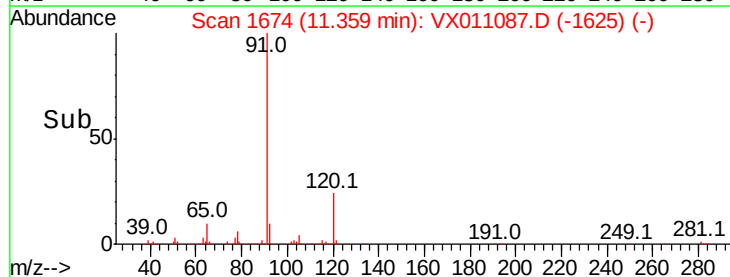
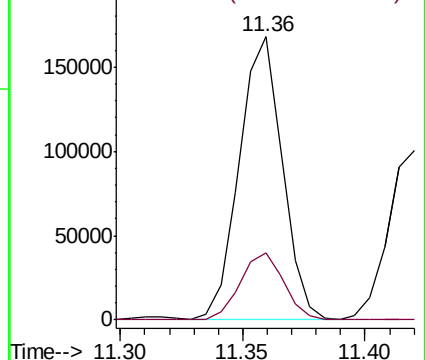
91 100

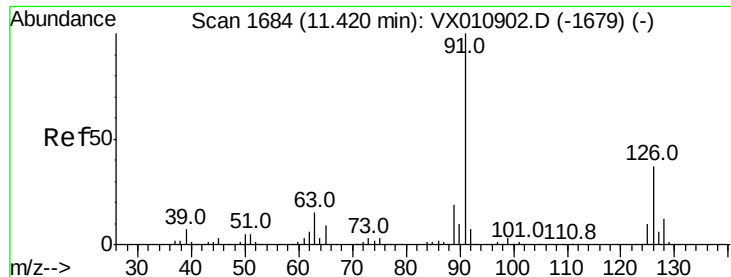
120 24.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.306 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampled :

VX0726WBSD01

Tot Ion: 91 Resp: 123396

Ion Ratio Lower Upper

91 100

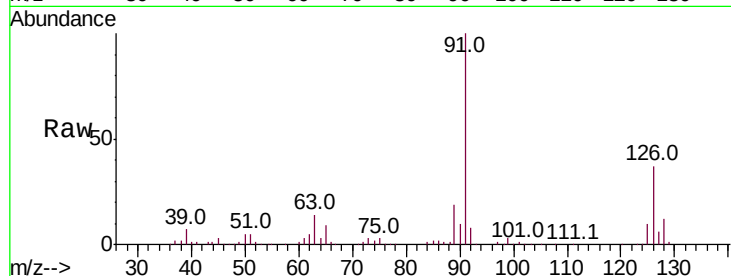
126 36.5 18.0 54.0

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Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010902.D (-1679) (-)

200000

150000

100000

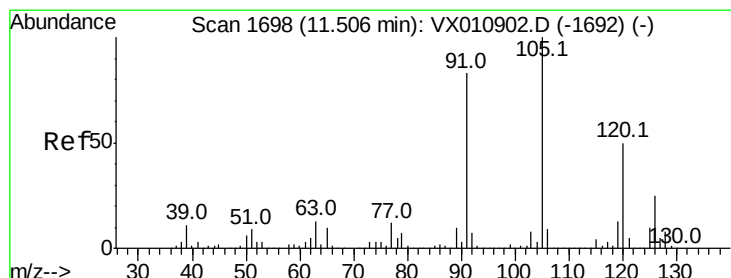
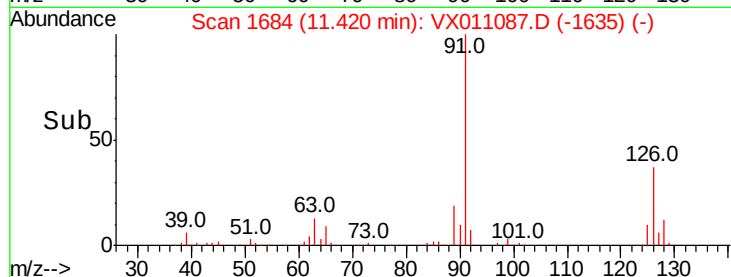
50000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.389 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011087.D

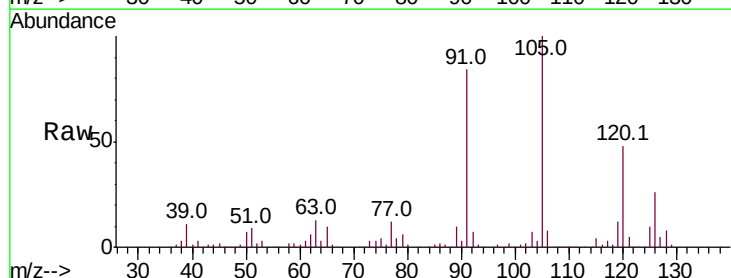
Acq: 26 Jul 2019 13:52

Tgt Ion: 105 Resp: 156017

Ion Ratio Lower Upper

105 100

120 48.8 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010902.D (-1692) (-)

150000

100000

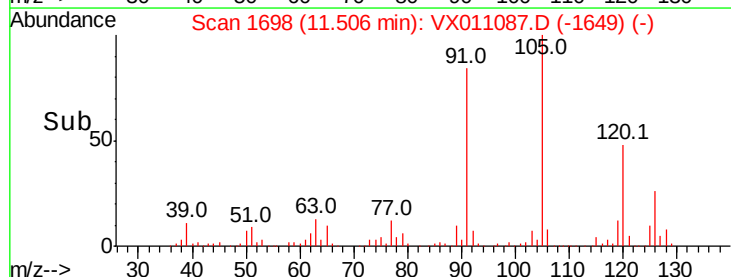
50000

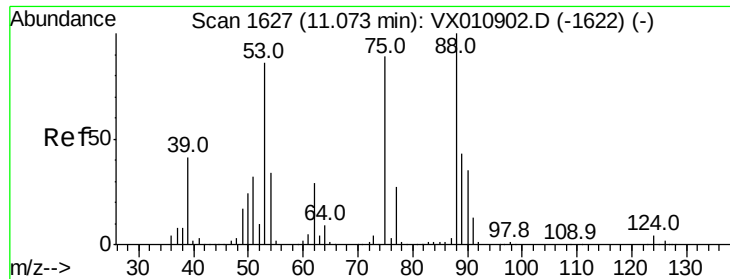
0

11.51

11.55

Time-->





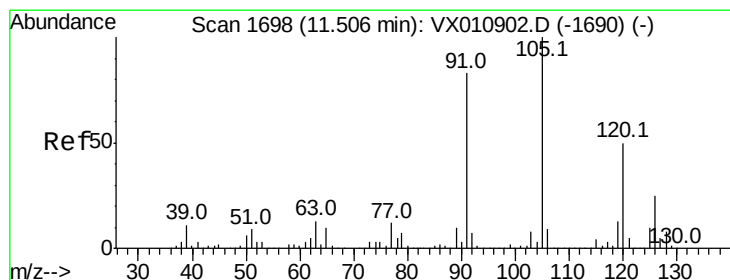
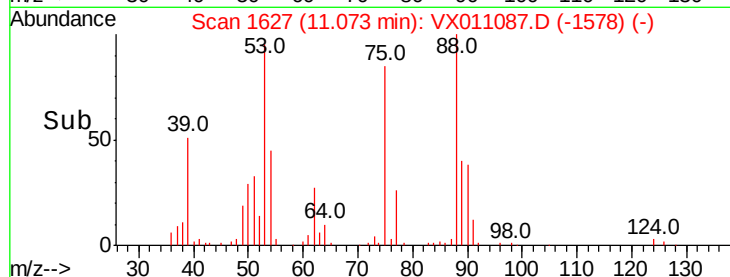
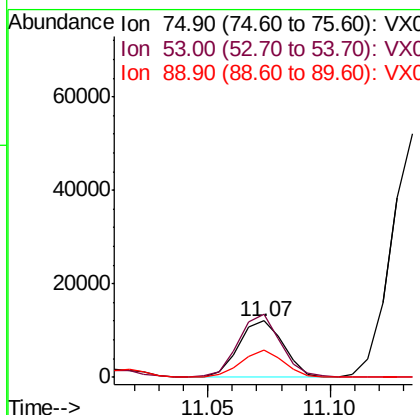
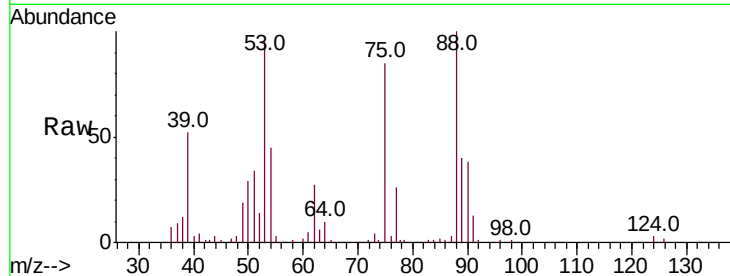
#81
trans-1,4-Dichloro-2-butene
Concen: 17.812 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.5	76.7	115.1
89	46.4	38.5	57.7

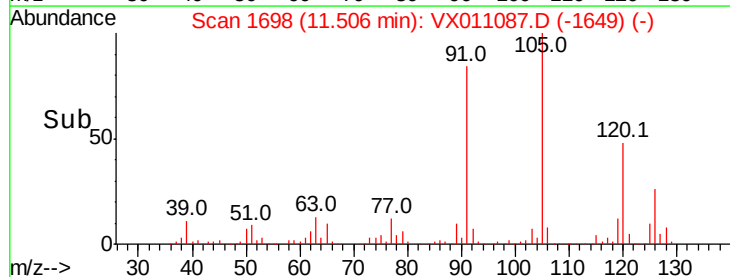
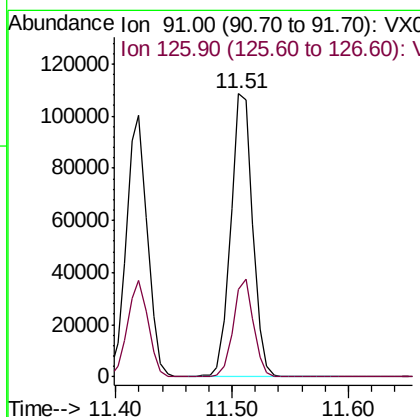
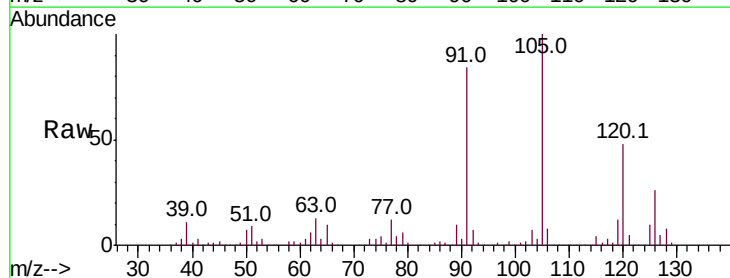
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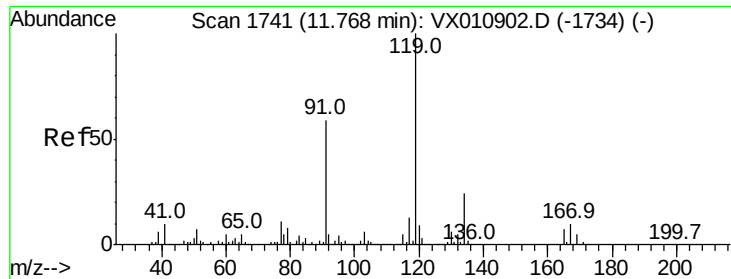
MMDadoda
7/29/2019 11:53:39 AM



#82
4-Chlorotoluene
Concen: 19.068 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	15.9	47.7





#83

tert-Butylbenzene

Concen: 19.251 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

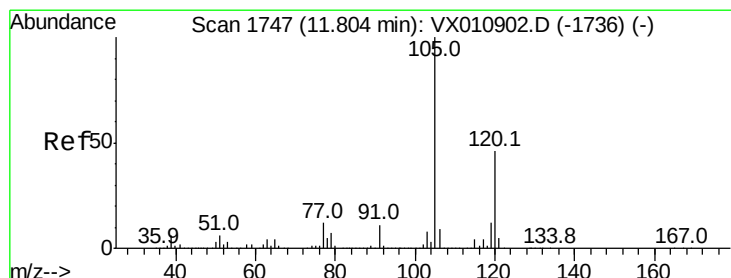
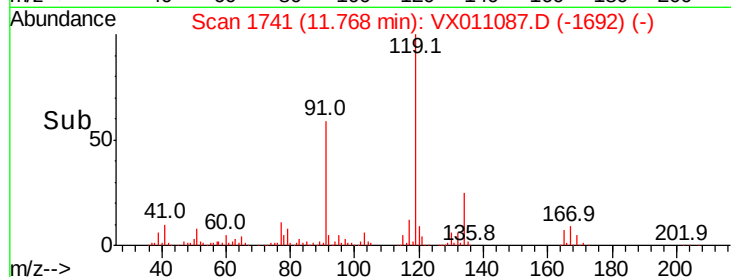
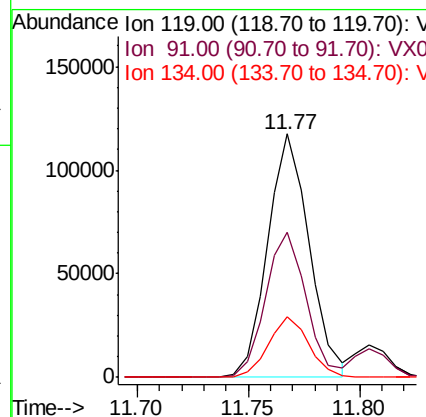
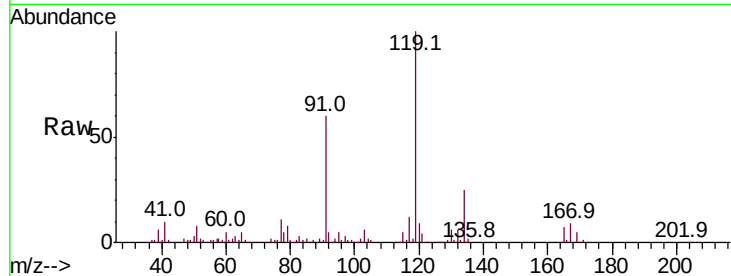
ClientSampleId :

VX0726WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	152153		
91	58.5	28.6	85.8	
134	24.1	11.6	34.8	

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#84

1,2,4-Trimethylbenzene

Concen: 19.235 ug/l

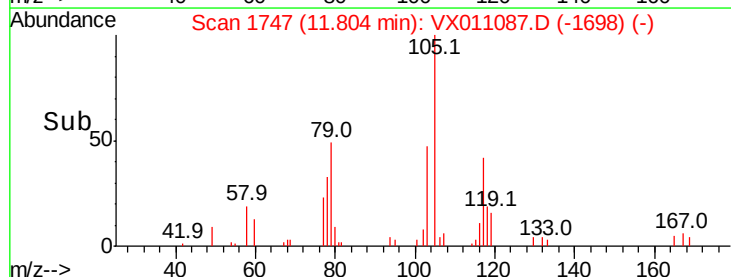
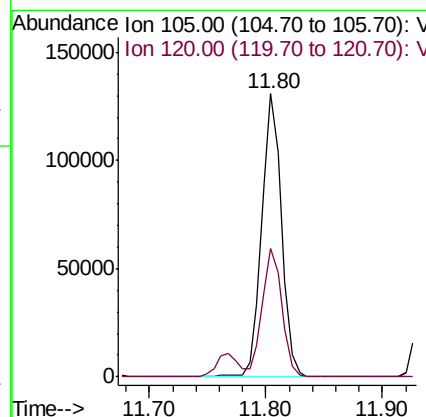
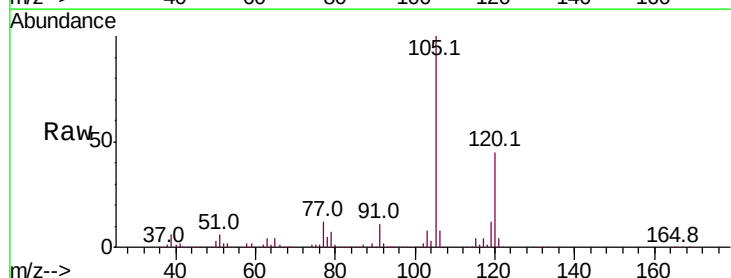
RT: 11.80 min Scan# 1747

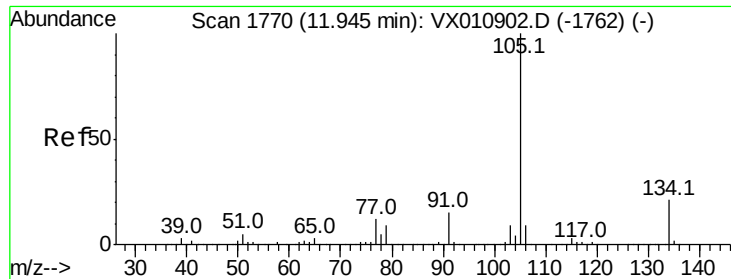
Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	156000		
120	45.8	22.9	68.5	





#85

sec-Butylbenzene

Concen: 19.862 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampled :

VX0726WBSD01

Tot Ion:105 Resp: 183948

Ion Ratio Lower Upper

105 100

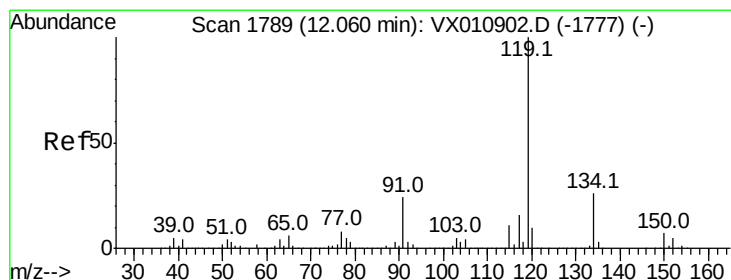
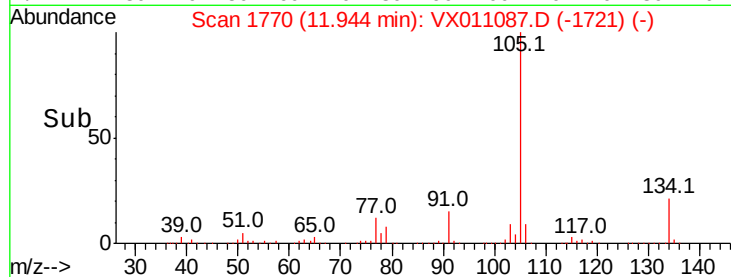
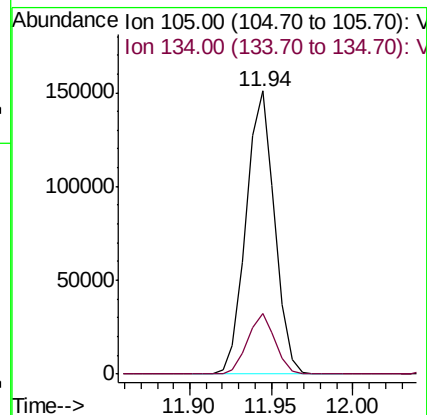
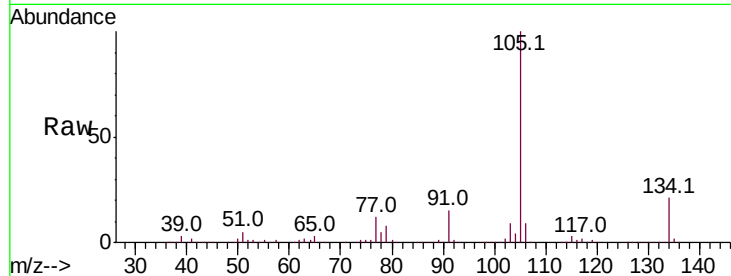
134 20.7 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 19.450 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

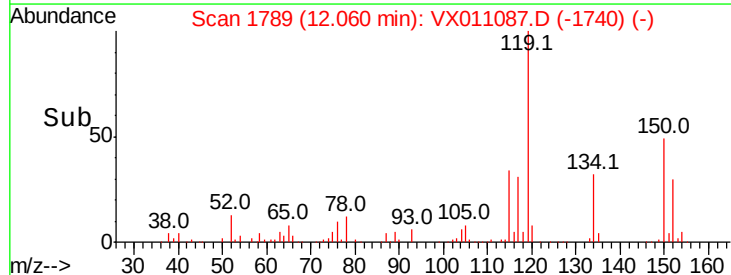
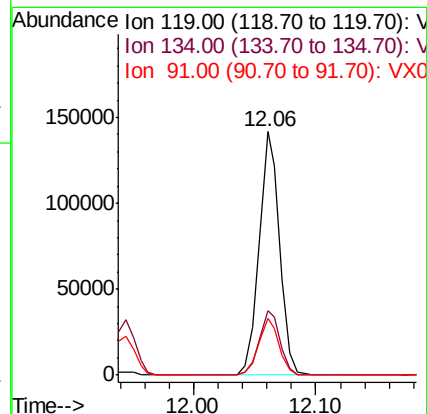
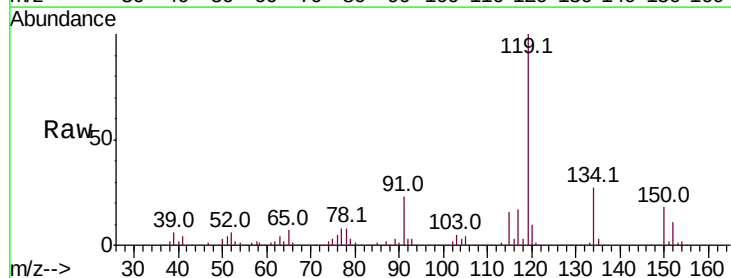
Tgt Ion:119 Resp: 166528

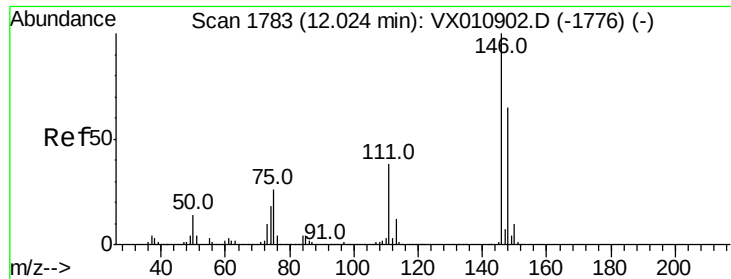
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.5 11.8 35.4





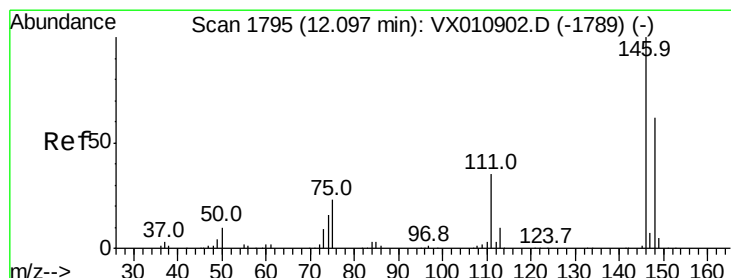
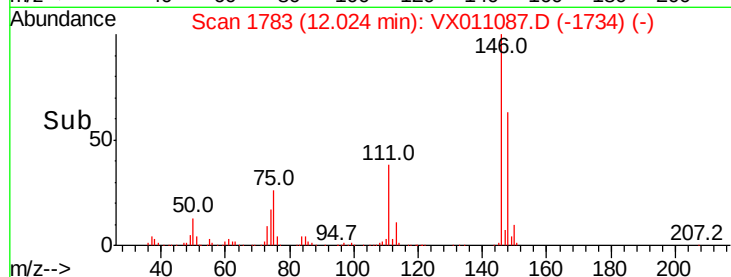
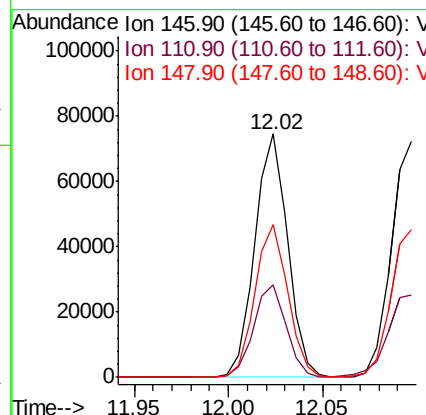
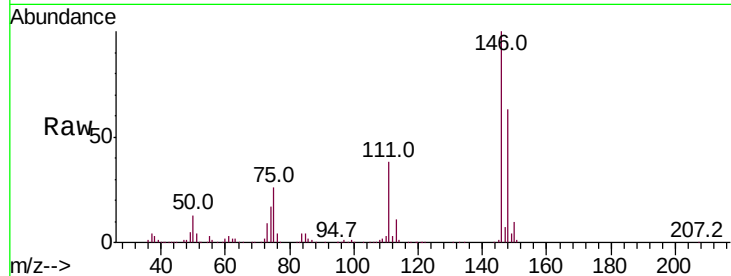
#87
 1,3-Dichlorobenzene
 Concen: 19.550 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	62.8	32.2	96.6

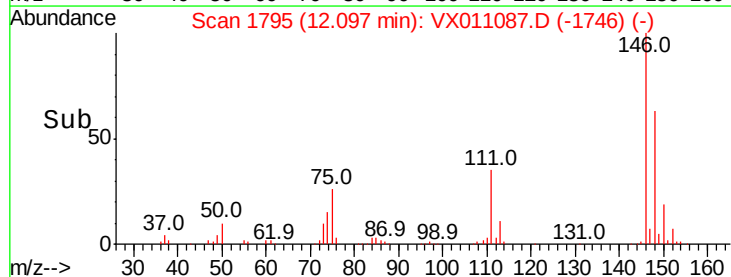
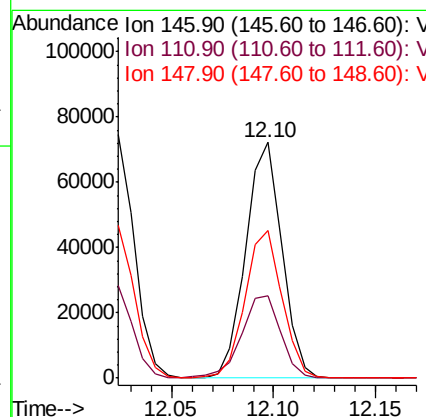
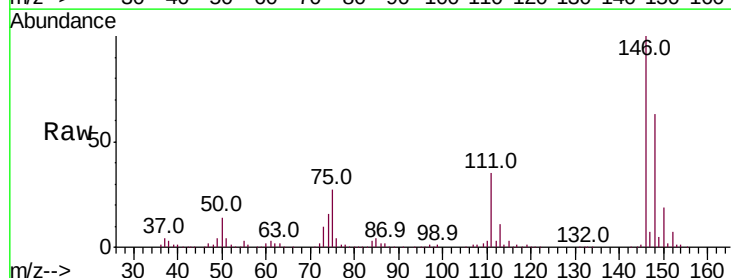
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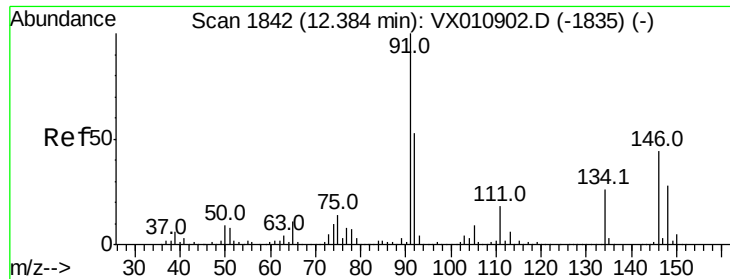
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#88
 1,4-Dichlorobenzene
 Concen: 18.764 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	55.8
148	64.4	31.6	94.7





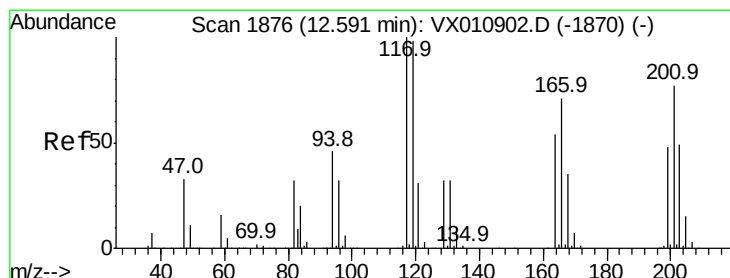
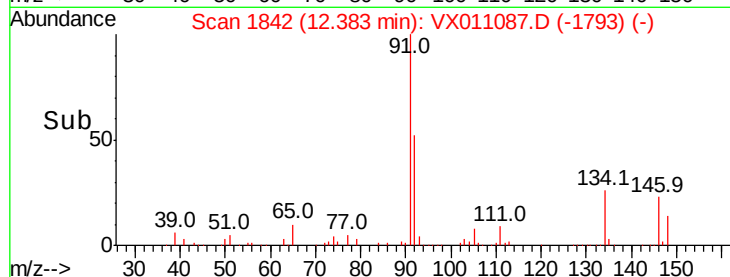
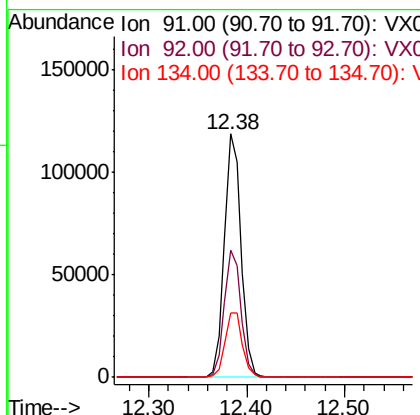
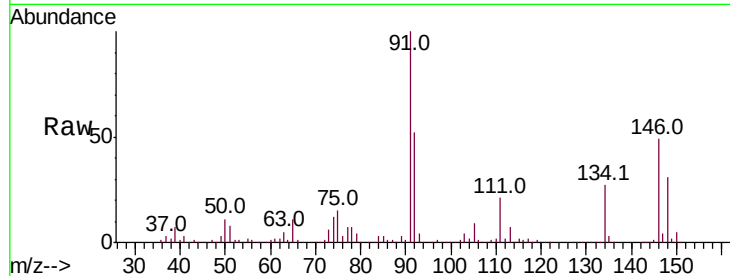
#89
n-Butylbenzene
Concen: 19.129 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	27.7	13.8	41.3

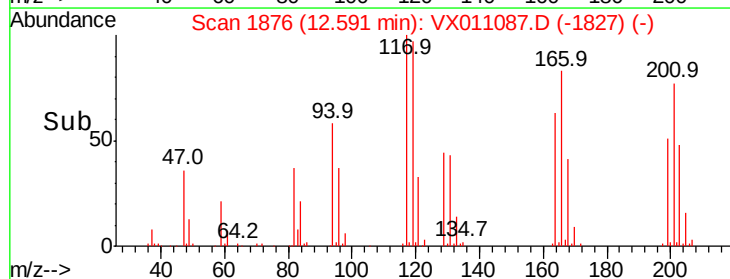
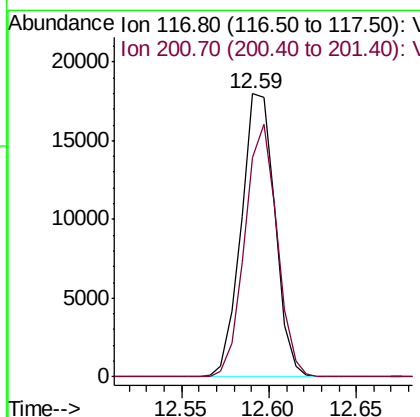
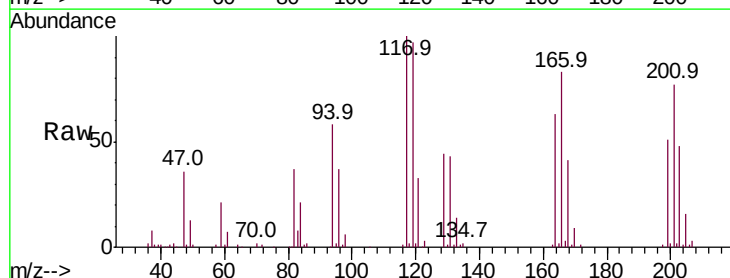
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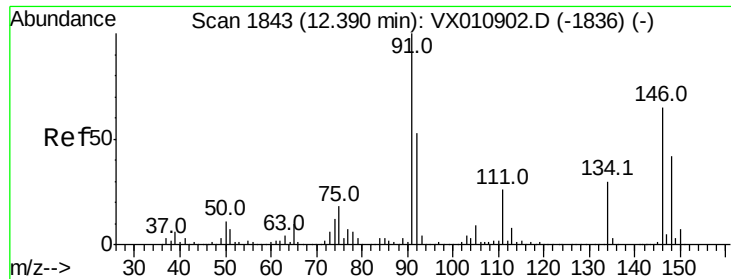
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#90
Hexachloroethane
Concen: 17.902 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.0	43.3	129.8





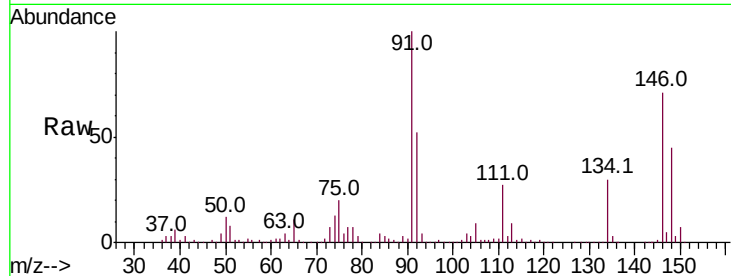
#91
 1,2-Dichlorobenzene
 Concen: 19.892 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.9	59.7
148	63.5	32.0	96.2

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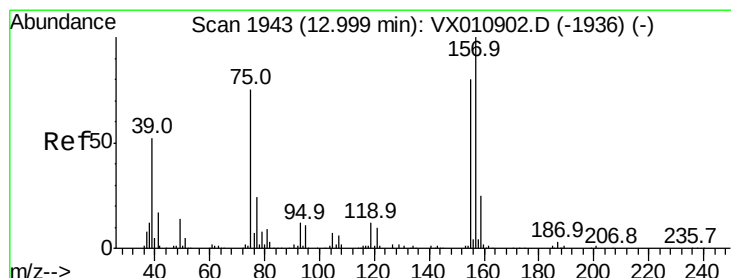
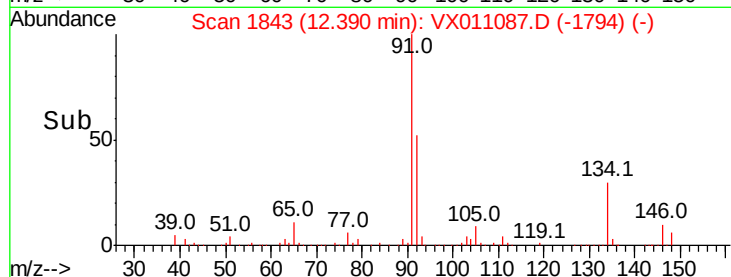
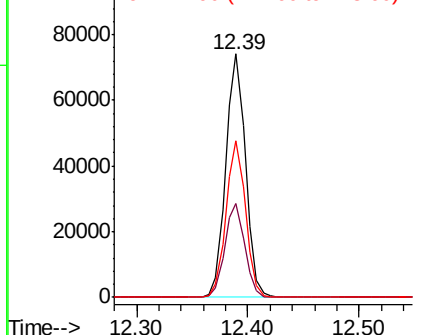


Abundance

Ion 145.90 (145.60 to 146.60): V

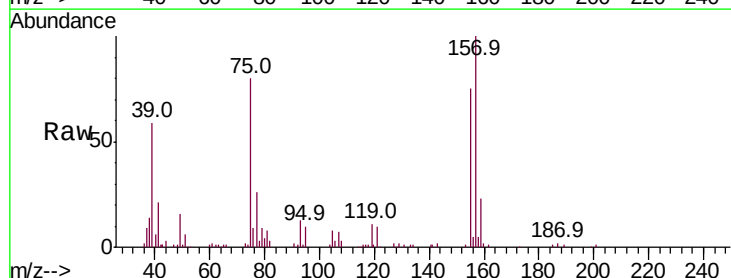
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.049 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	48.7	146.1
157	121.1	62.5	187.6

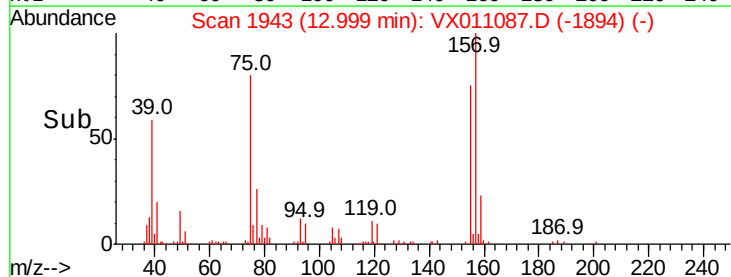
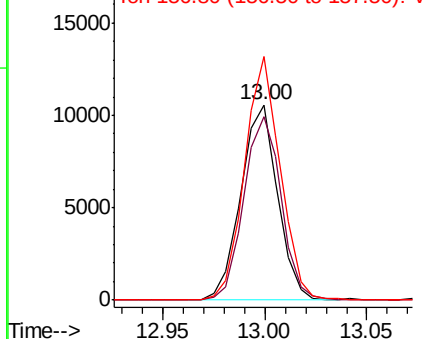


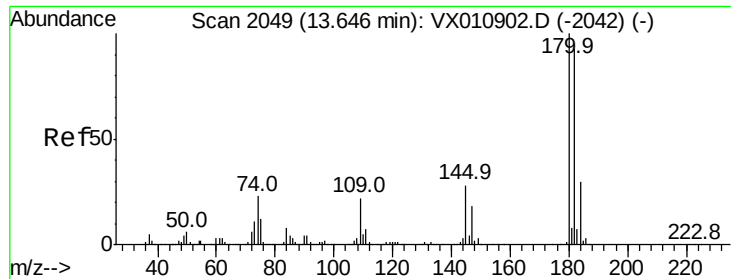
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.852 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

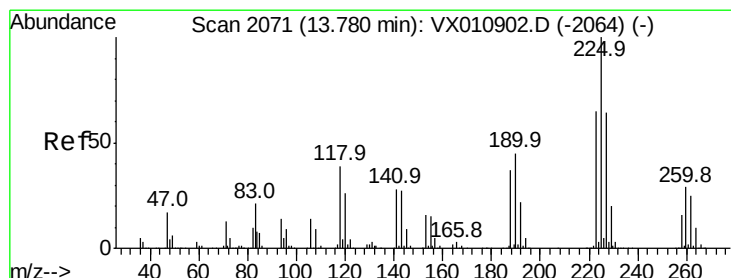
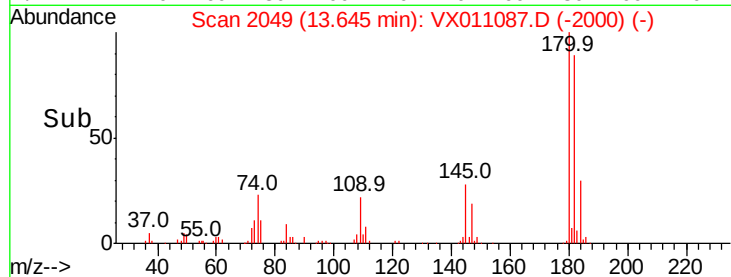
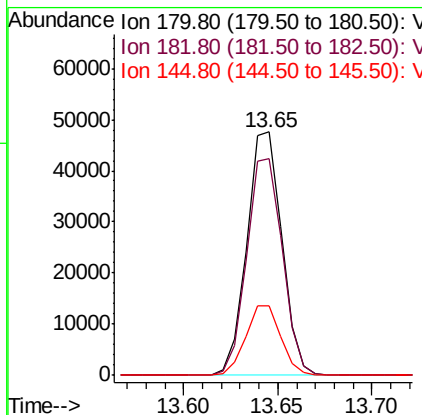
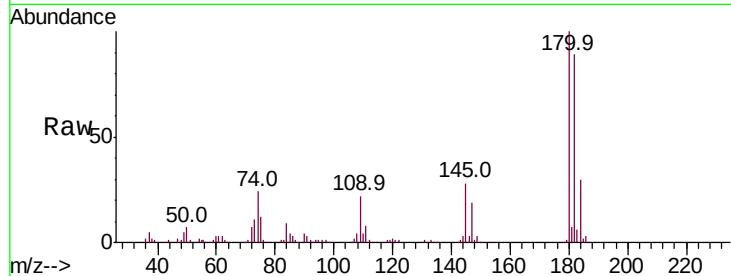
ClientSampleId :

VX0726WBSD01

Tot Ion:	180	Resp:	61463
Ion Ratio	Lower	Upper	
180	100		
182	90.9	47.1	141.3
145	28.8	14.8	44.4

Manual Integrations
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7/29/2019 11:53:39 AM



#94

Hexachlorobutadiene

Concen: 19.814 ug/l

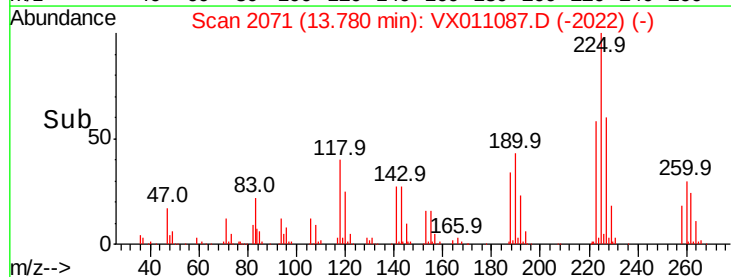
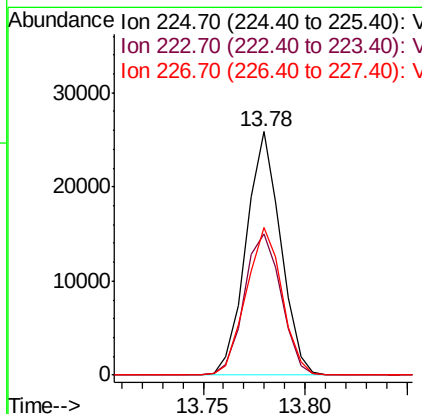
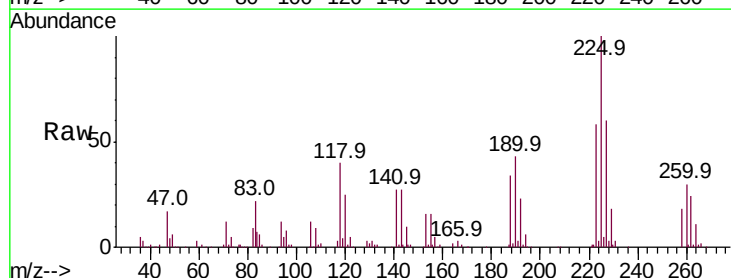
RT: 13.78 min Scan# 2071

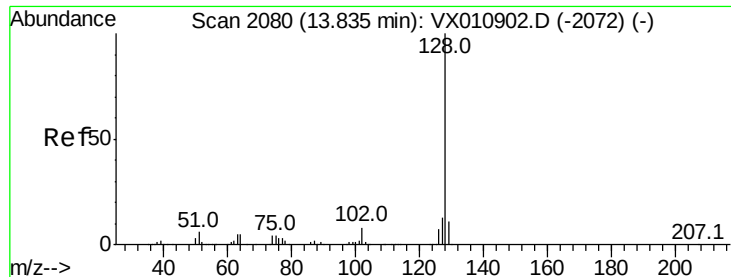
Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Tgt Ion:	225	Resp:	30400
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.9	95.9
227	63.1	32.5	97.4





#95

Naphthalene

Concen: 21.021 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

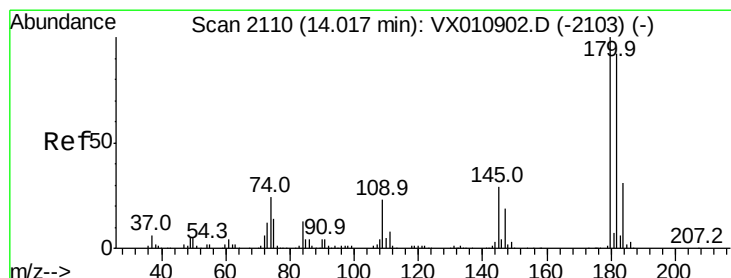
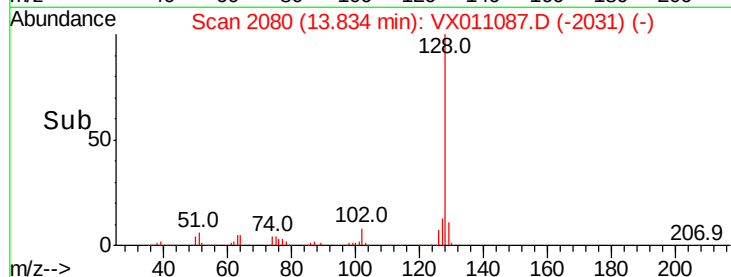
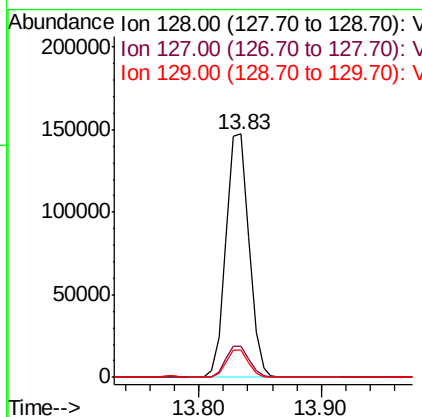
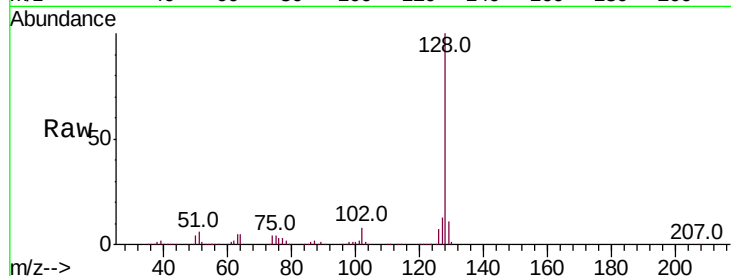
ClientSampleId :

VX0726WBSD01

Tot Ion:128	Resp:	192191
Ion Ratio	Lower	Upper
128 100		
127 13.1	10.4	15.6
129 10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:39 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.907 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Tgt Ion:180	Resp:	61325
Ion Ratio	Lower	Upper
180 100		
182 96.7	47.4	142.3
145 32.3	15.1	45.3

