

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012517.D
 Acq On : 19 Sep 2019 10:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 11:43:37 AM

Quant Time: Sep 20 04:46:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	205522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	333037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	300807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	148206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	148000	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	5.48	113	110321	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	
50) Toluene-d8	8.71	98	404917	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
62) 4-Bromofluorobenzene	11.13	95	166116	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	68034	49.620	ug/l	98
3) Chloromethane	1.32	50	54139	47.915	ug/l	98
4) Vinyl Chloride	1.40	62	60321	49.394	ug/l	100
5) Bromomethane	1.63	94	21139	44.059	ug/l	94
6) Chloroethane	1.71	64	43303	45.313	ug/l	93
7) Trichlorofluoromethane	1.92	101	117080	52.299	ug/l	99
8) Diethyl Ether	2.18	74	48075	47.545	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81967	50.605	ug/l	99
10) Methyl Iodide	2.50	142	60808	44.303	ug/l	97
11) Tert butyl alcohol	3.03	59	157458	209.854	ug/l	100
12) 1,1-Dichloroethene	2.36	96	62950	48.718	ug/l	95
13) Acrolein	2.28	56	54010	208.539	ug/l	100
14) Allyl chloride	2.72	41	143009	47.539	ug/l	98
15) Acrylonitrile	3.13	53	294585	230.791	ug/l	99
16) Acetone	2.43	43	358881	267.198	ug/l	98
17) Carbon Disulfide	2.56	76	79397	43.685	ug/l	98
18) Methyl Acetate	2.76	43	139734	45.526	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	342855	48.665	ug/l	98
20) Methylene Chloride	2.84	84	84975	47.668	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	66384	49.474	ug/l	95
22) Diisopropyl ether	3.84	45	342006	48.555	ug/l	95
23) Vinyl Acetate	3.80	43	1421865	245.398	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167678	49.755	ug/l	98
25) 2-Butanone	4.65	43	474667	232.314	ug/l	99
26) 2,2-Dichloropropane	4.56	77	158421	47.797	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	98802	49.292	ug/l	98
28) Bromochloromethane	5.00	49	83103	47.831	ug/l	95
29) Tetrahydrofuran	5.11	42	258526	229.037	ug/l	100
30) Chloroform	5.20	83	185185	47.846	ug/l	98
31) Cyclohexane	5.57	56	100589	49.444	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	157837	48.792	ug/l	99
36) 1,1-Dichloropropene	5.78	75	105002	51.877	ug/l	99
37) Ethyl Acetate	4.81	43	156493	50.369	ug/l	100
38) Carbon Tetrachloride	5.77	117	128712	51.130	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	107822	54.798	ug/l	99
40) Benzene	6.13	78	331143	51.449	ug/l	98
41) Methacrylonitrile	5.03	41	94807	47.391	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148090	49.607	ug/l	100
43) Isopropyl Acetate	6.43	43	271082	48.613	ug/l	99
44) Trichloroethene	7.20	130	90520	53.464	ug/l	93
45) 1,2-Dichloropropane	7.51	63	100109	50.626	ug/l	96
46) Dibromomethane	7.65	93	66176	51.715	ug/l	96
47) Bromodichloromethane	7.89	83	146523	51.426	ug/l	100
48) Methyl methacrylate	7.76	41	127847	48.637	ug/l	98
49) 1,4-Dioxane	7.73	88	59651	932.397	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	868469	237.488	ug/l	99
52) Toluene	8.78	92	217704	52.492	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	153773	51.920	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	159575	52.043	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	107461	50.293	ug/l	99
56) Ethyl methacrylate	9.17	69	169430	50.716	ug/l	99
57) 1,3-Dichloropropane	9.37	76	175651	51.523	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	447613	258.841	ug/l	100
59) 2-Hexanone	9.48	43	687419	240.947	ug/l	99
60) Dibromochloromethane	9.57	129	116250	53.412	ug/l	99
61) 1,2-Dibromoethane	9.67	107	103485	53.029	ug/l	99
64) Tetrachloroethene	9.33	164	80685	58.535	ug/l	93
65) Chlorobenzene	10.14	112	258160	51.998	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	108268	52.544	ug/l	99
67) Ethyl Benzene	10.24	91	450690	52.837	ug/l	99
68) m/p-Xylenes	10.35	106	333775	107.545	ug/l	98
69) o-Xylene	10.70	106	169941	53.244	ug/l	99
70) Styrene	10.71	104	304772	53.969	ug/l	98
71) Bromoform	10.85	173	81878	46.372	ug/l #	99
73) Isopropylbenzene	11.01	105	479485	51.563	ug/l	98
74) N-amyl acetate	10.89	43	245664	49.069	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	176557	48.401	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	144735m	42.514	ug/l	
77) Bromobenzene	11.25	156	117498	51.810	ug/l	98
78) n-propylbenzene	11.35	91	542196	52.314	ug/l	99
79) 2-Chlorotoluene	11.42	91	334460	49.605	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	412407	52.002	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56297	45.684	ug/l	99
82) 4-Chlorotoluene	11.51	91	400324	51.733	ug/l	99
83) tert-Butylbenzene	11.77	119	427590	50.317	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	425146	52.211	ug/l	99
85) sec-Butylbenzene	11.94	105	489329	52.256	ug/l	99
86) p-Isopropyltoluene	12.06	119	457040	53.153	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	224569	52.641	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	226985	51.798	ug/l	100
89) n-Butylbenzene	12.38	91	399055	52.014	ug/l	99
90) Hexachloroethane	12.59	117	81740	51.844	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	228226	51.186	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46185	48.836	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	157644	54.890	ug/l	99
94) Hexachlorobutadiene	13.78	225	67637	49.968	ug/l	99
95) Naphthalene	13.83	128	545180	53.349	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	160158	54.724	ug/l	99

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

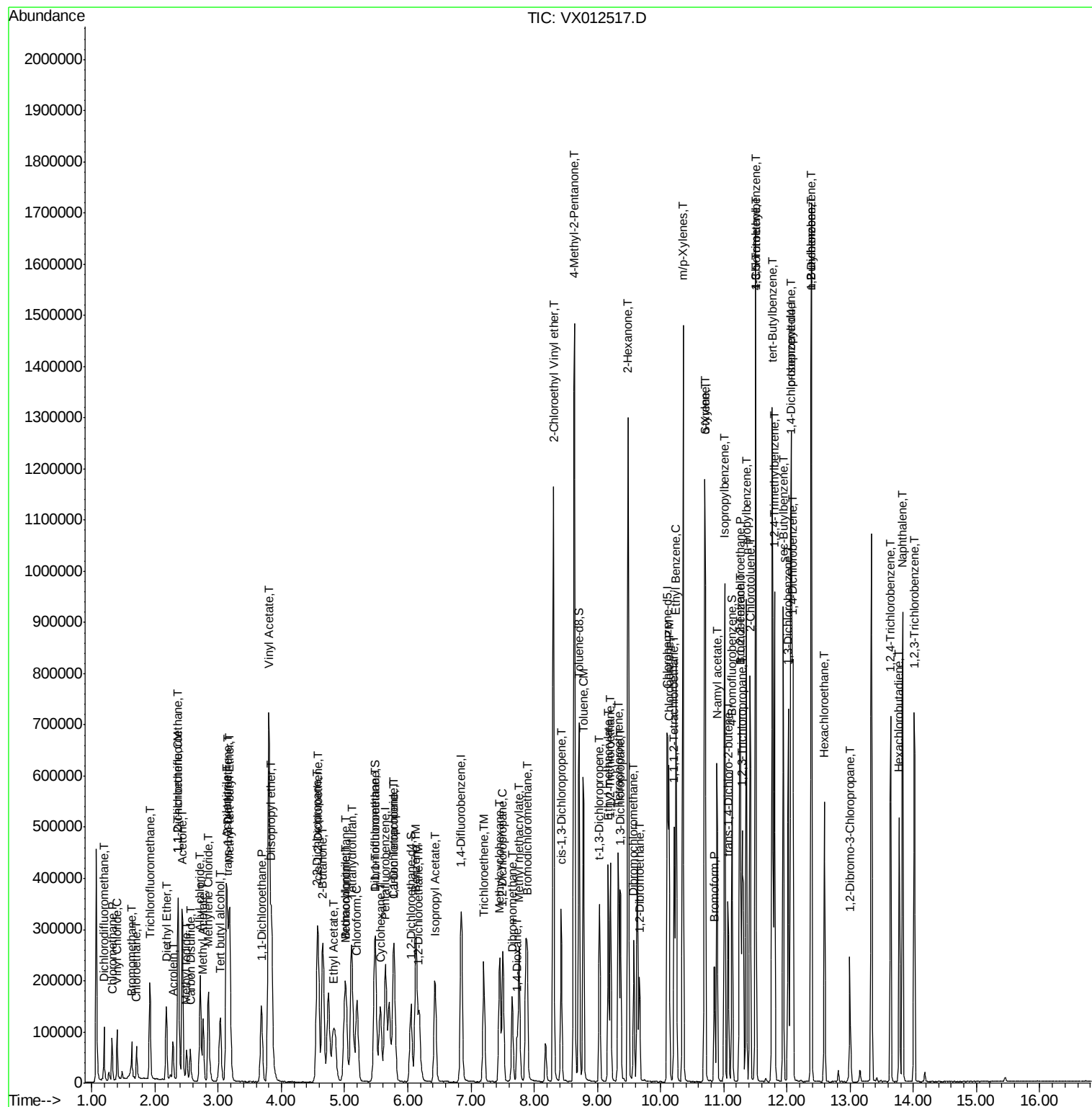
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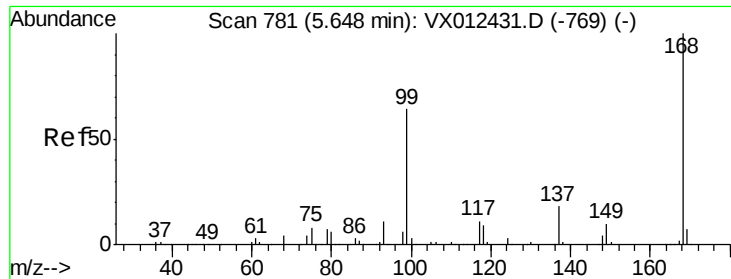
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 205522

Ion Ratio Lower Upper

168 100

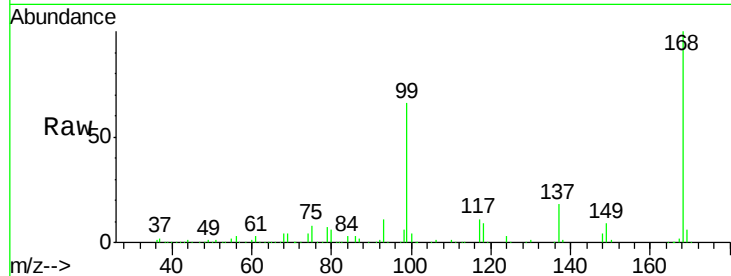
99 65.4 51.4 77.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

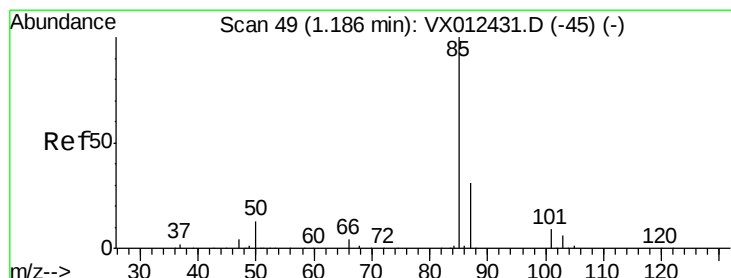
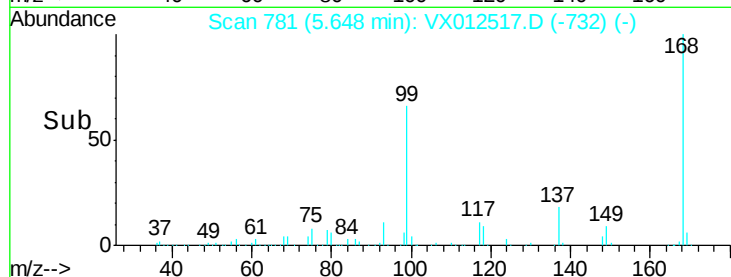
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.620 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012517.D

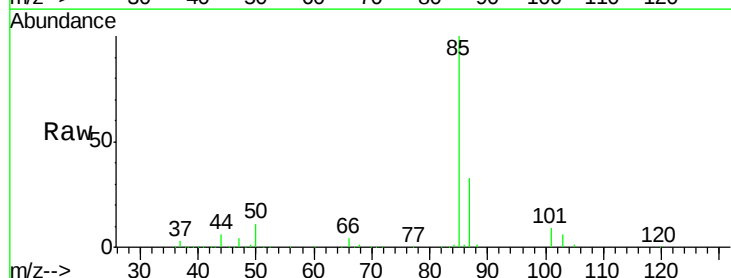
Acq: 19 Sep 2019 10:30

Tgt Ion: 85 Resp: 68034

Ion Ratio Lower Upper

85 100

87 32.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

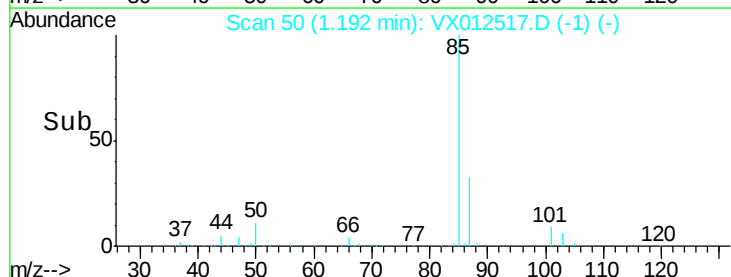
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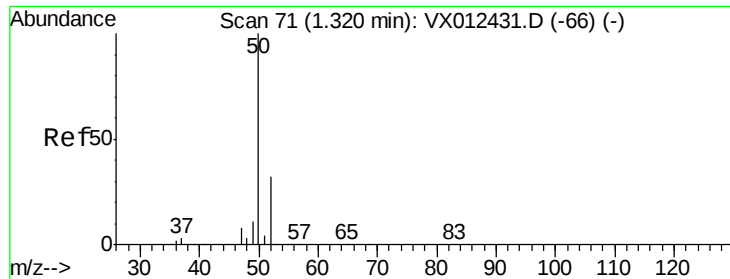
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.915 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 54139

Ion Ratio Lower Upper

50 100

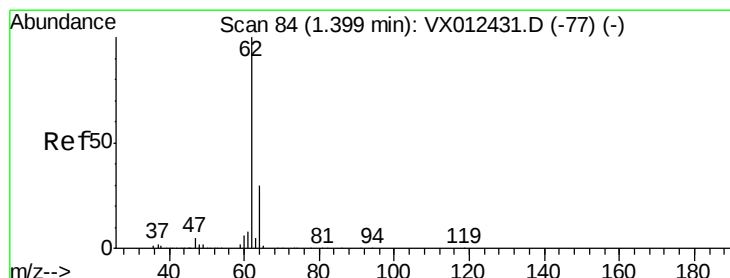
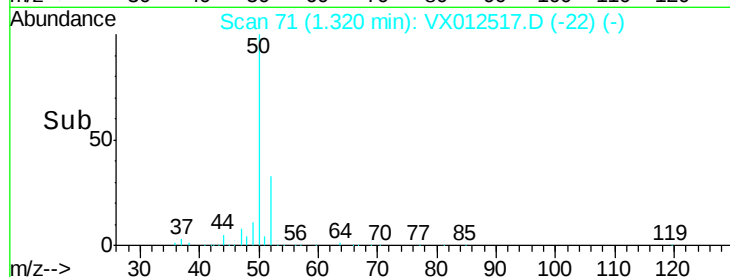
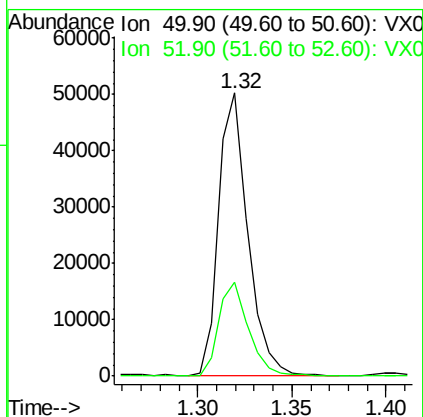
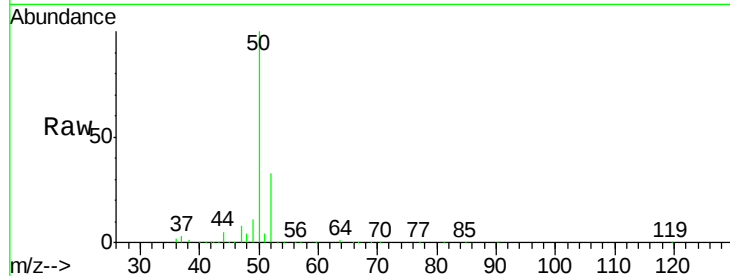
52 33.4 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.394 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012517.D

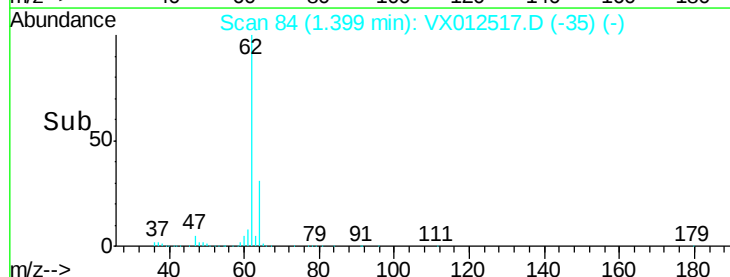
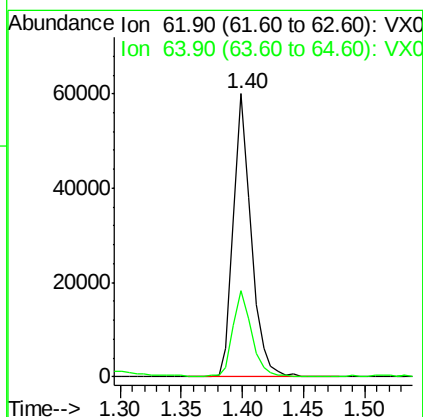
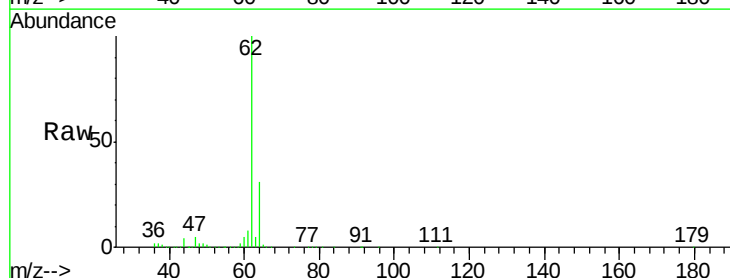
Acq: 19 Sep 2019 10:30

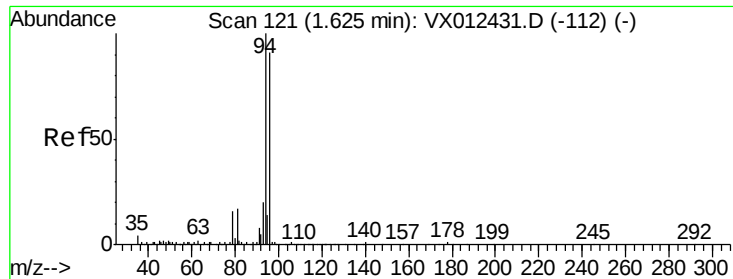
Tgt Ion: 62 Resp: 60321

Ion Ratio Lower Upper

62 100

64 30.4 24.2 36.2





#5

Bromomethane

Concen: 44.059 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 21139

Ion Ratio Lower Upper

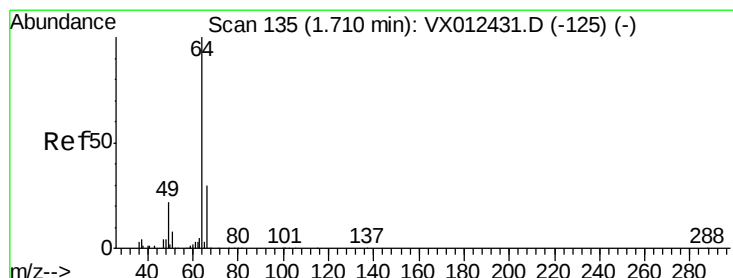
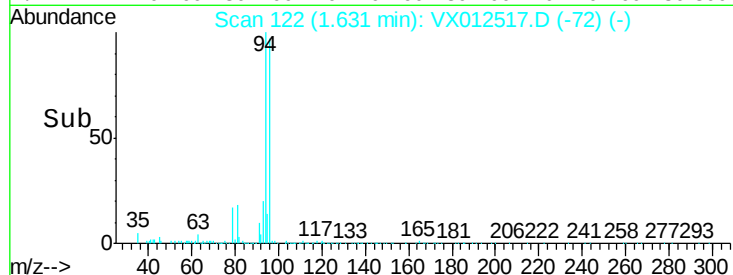
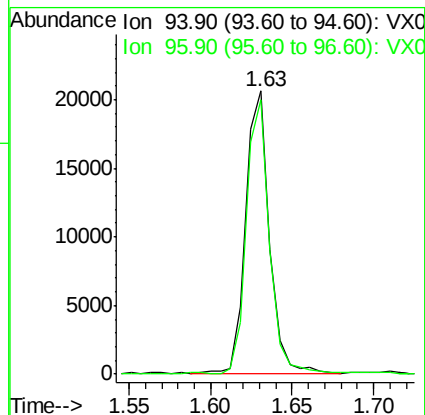
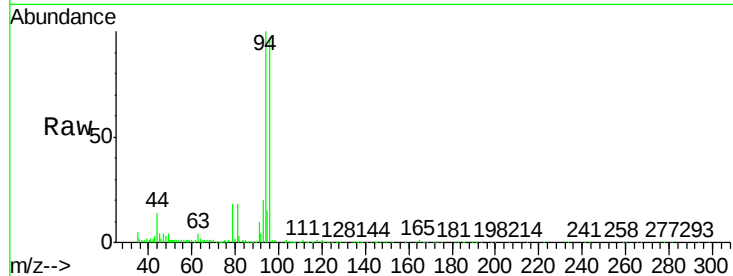
94 100

96 96.6 72.8 109.2

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#6

Chloroethane

Concen: 45.313 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012517.D

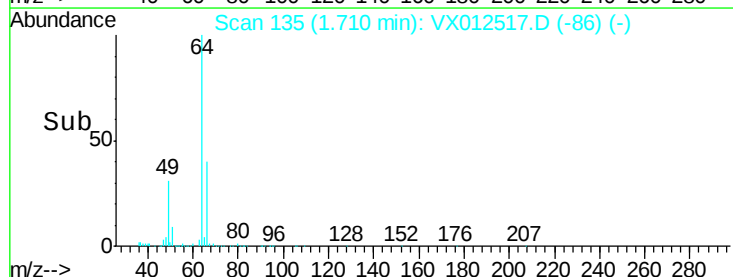
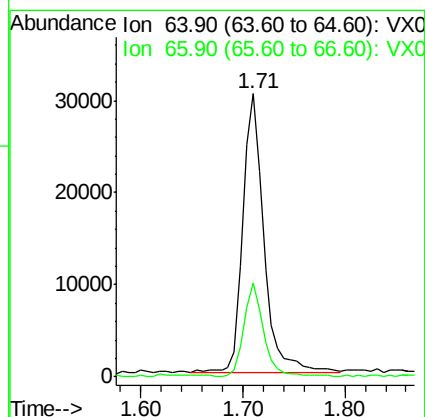
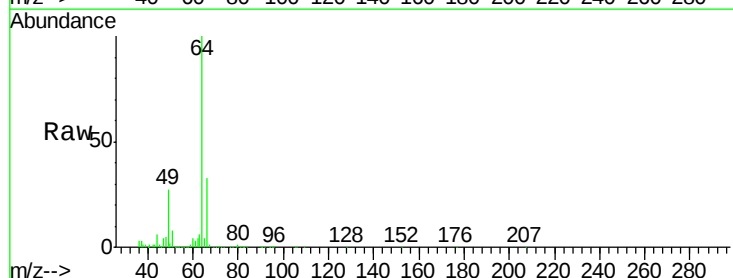
Acq: 19 Sep 2019 10:30

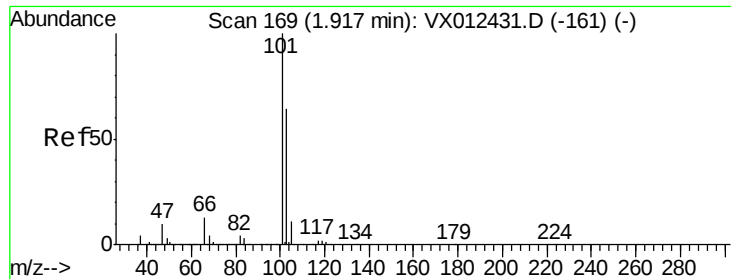
Tgt Ion: 64 Resp: 43303

Ion Ratio Lower Upper

64 100

66 33.5 24.0 36.0





#7

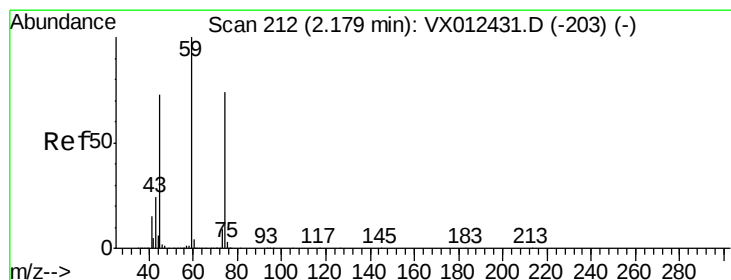
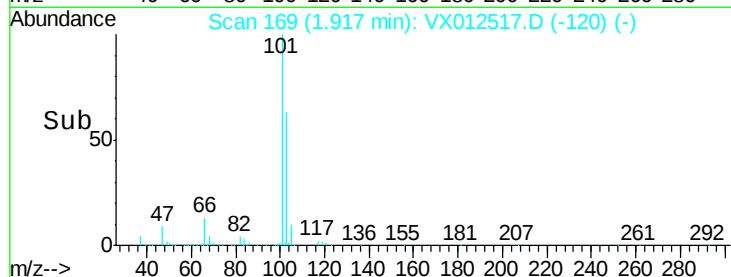
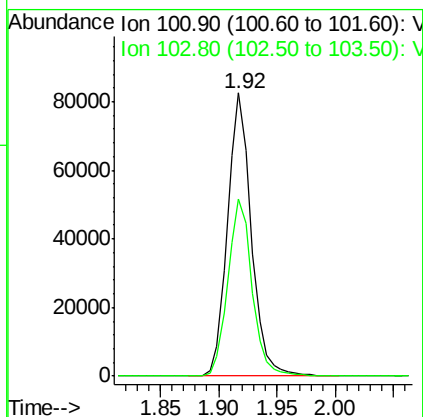
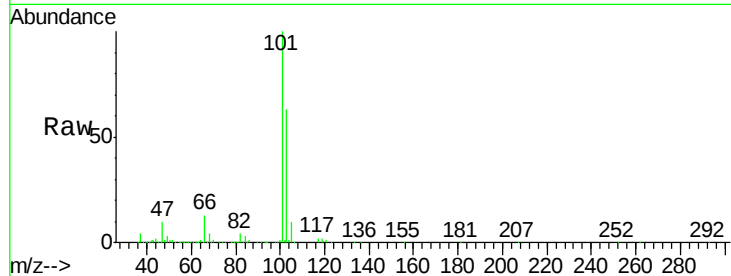
Trichlorofluoromethane
 Concen: 52.299 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012517.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	51.0	76.4

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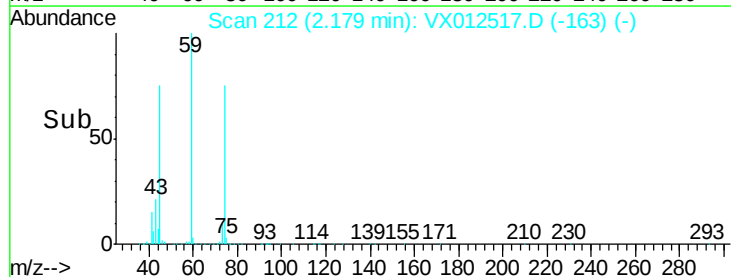
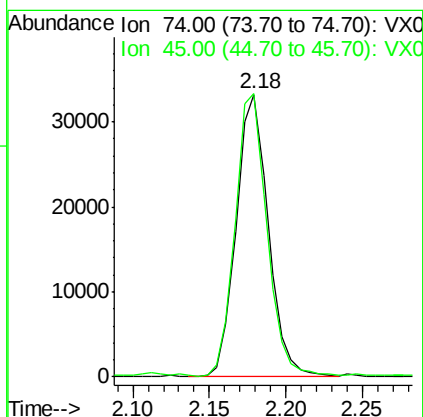
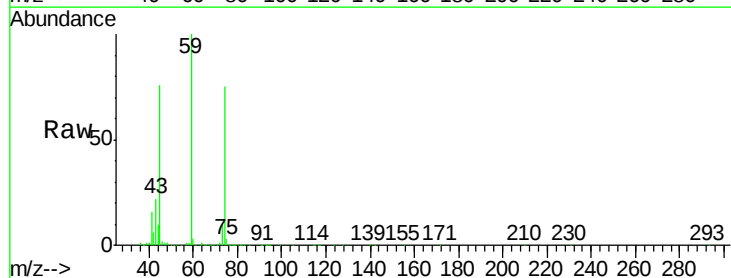
MMDadoda
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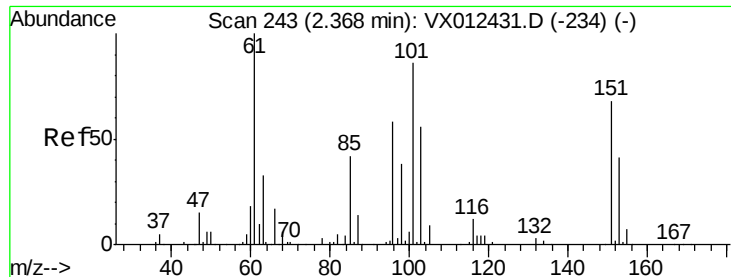


#8

Diethyl Ether
 Concen: 47.545 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.605 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012517.D

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MSVOA_X

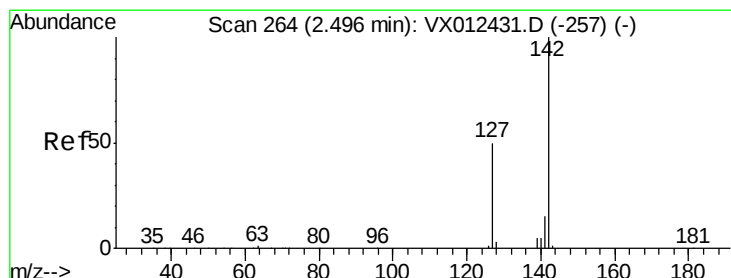
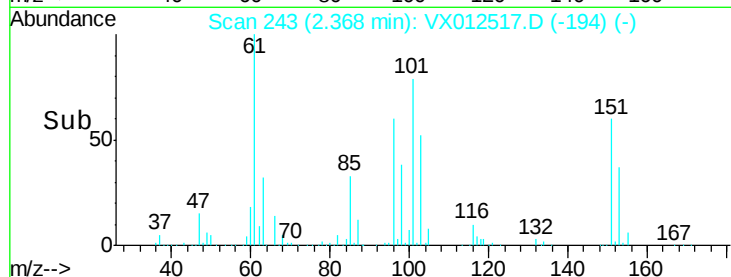
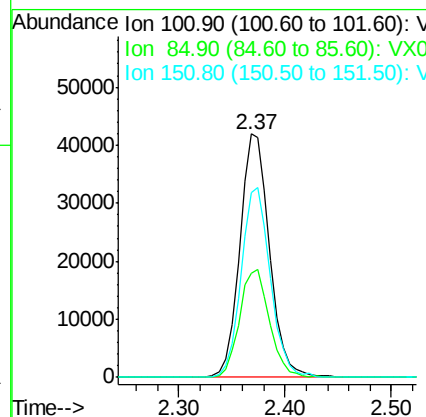
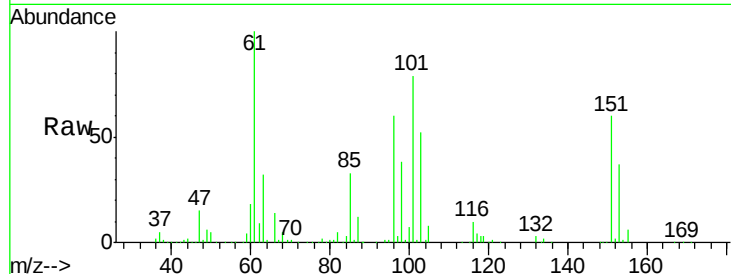
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	81967
Ion Ratio	Lower	Upper	
101	100		
85	45.0	37.3	55.9
151	76.9	61.0	91.4

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#10

Methyl Iodide

Concen: 44.303 ug/l

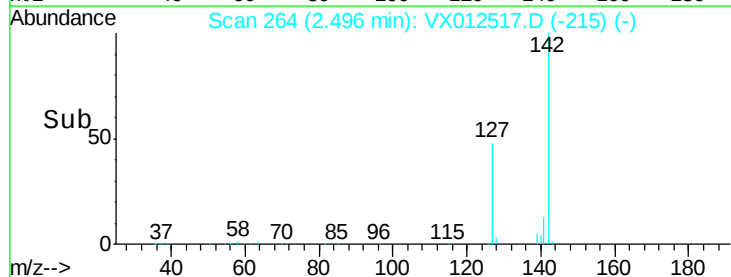
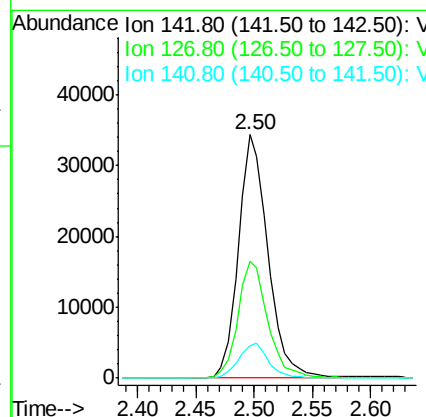
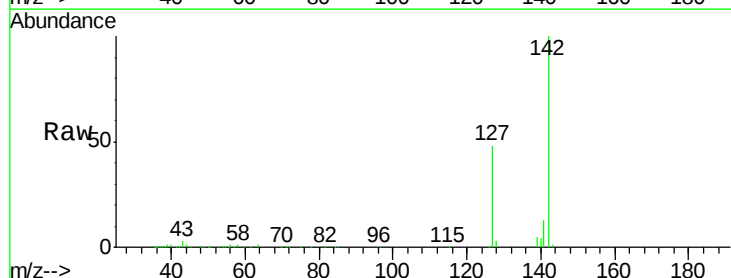
RT: 2.50 min Scan# 264

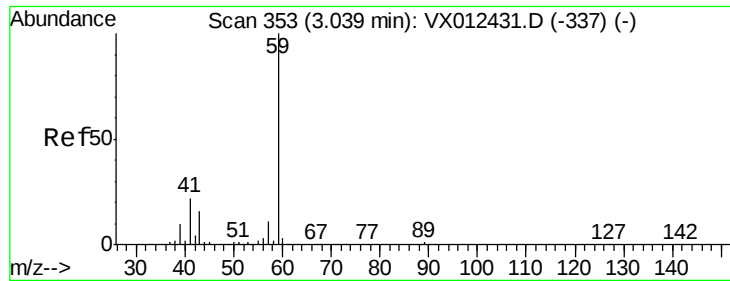
Delta R.T. 0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Tgt Ion:	142	Resp:	60808
Ion Ratio	Lower	Upper	
142	100		
127	48.6	40.8	61.2
141	14.2	12.1	18.1





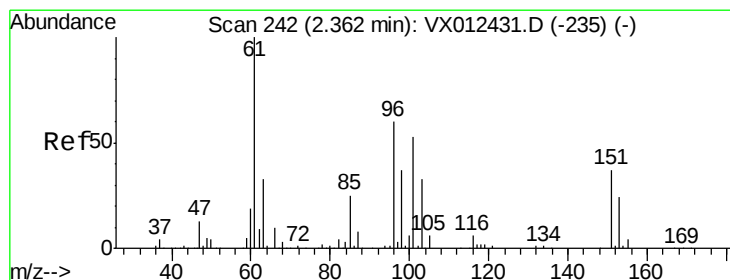
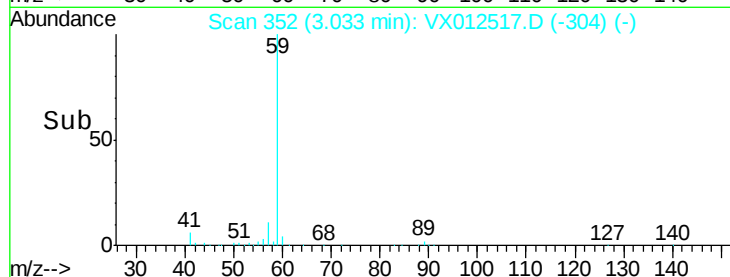
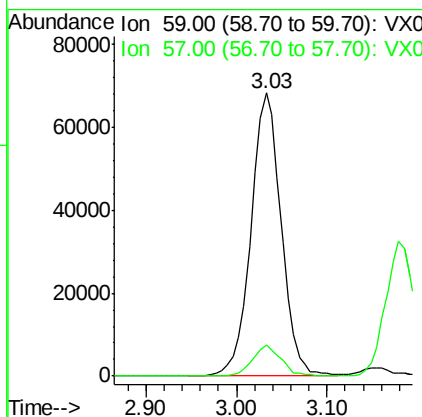
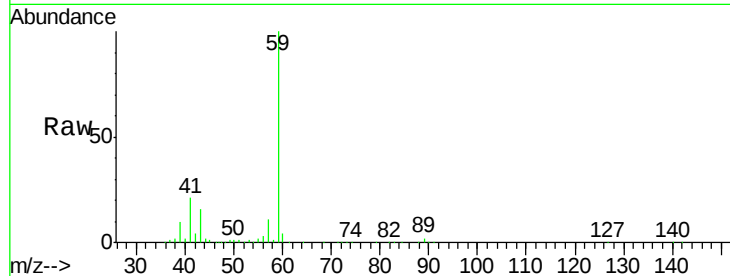
#11
Tert butyl alcohol
Concen: 209.854 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 157458
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

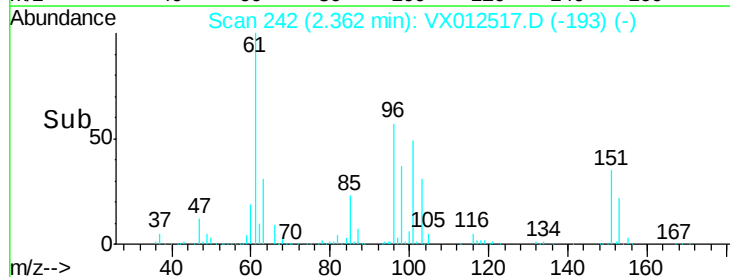
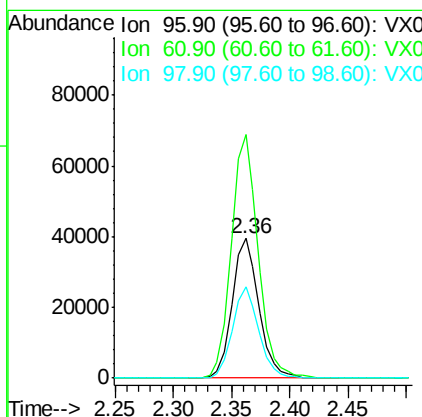
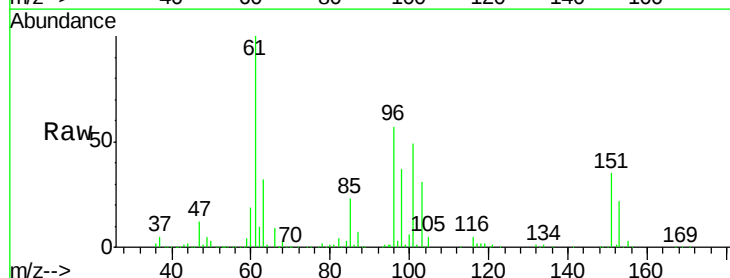
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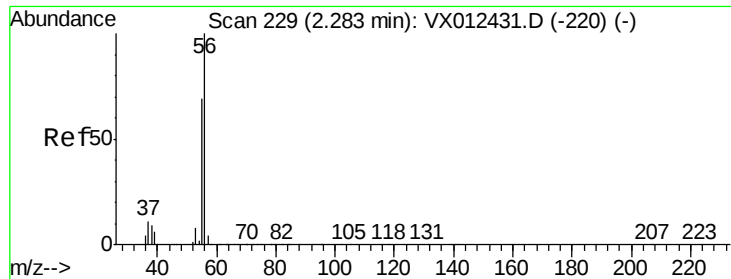
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#12
1,1-Dichloroethene
Concen: 48.718 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion: 96 Resp: 62950
Ion Ratio Lower Upper
96 100
61 174.5 133.8 200.6
98 65.3 49.9 74.9





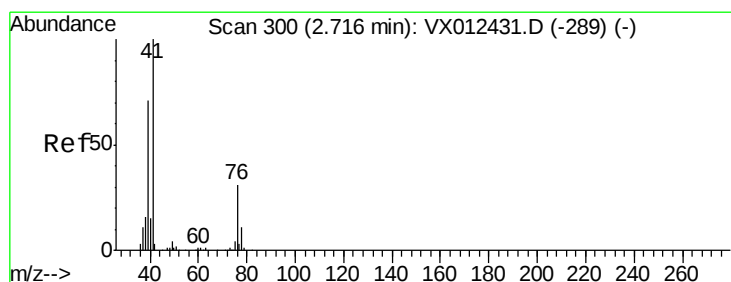
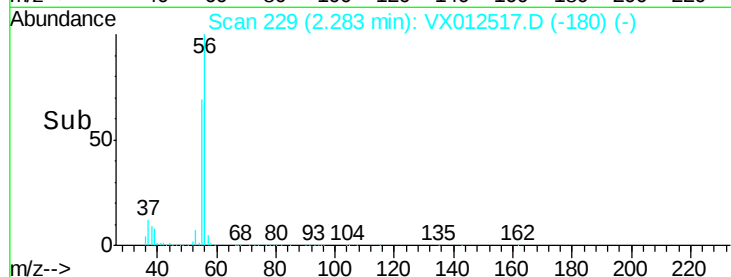
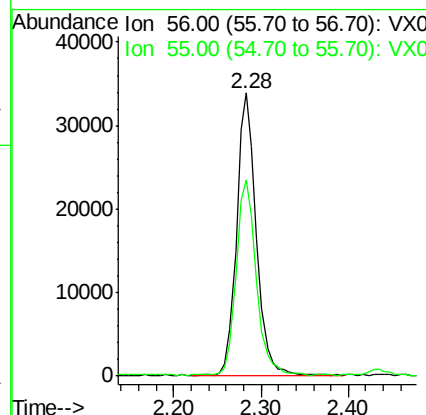
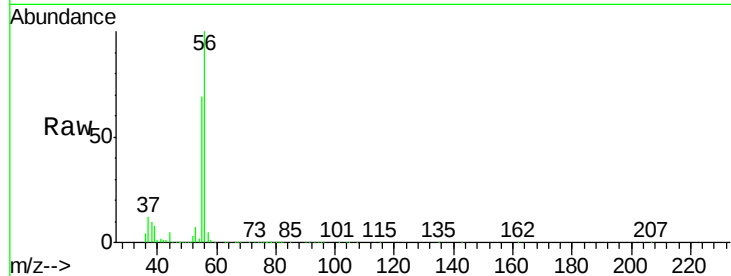
#13
Acrolein
Concen: 208.539 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.9	55.8	83.8

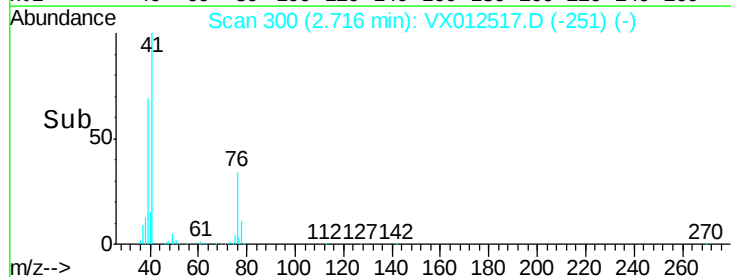
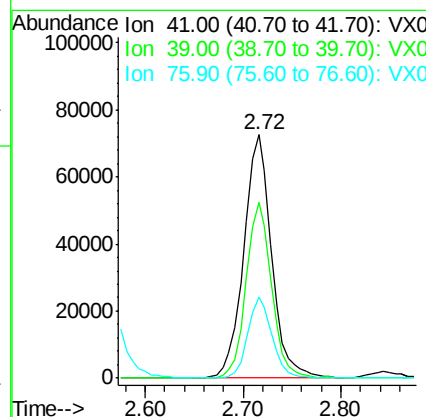
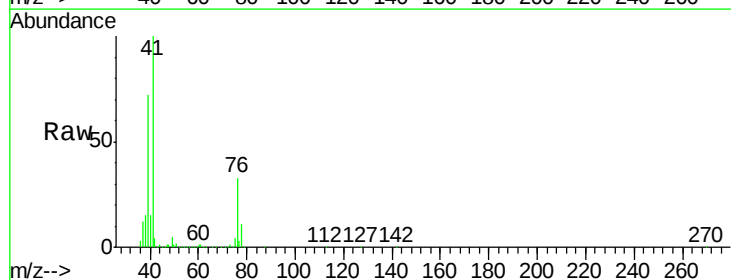
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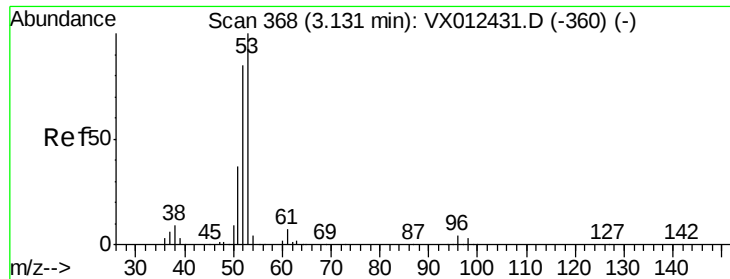
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#14
Allyl chloride
Concen: 47.539 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.5	51.3	76.9
76	28.8	22.6	33.8





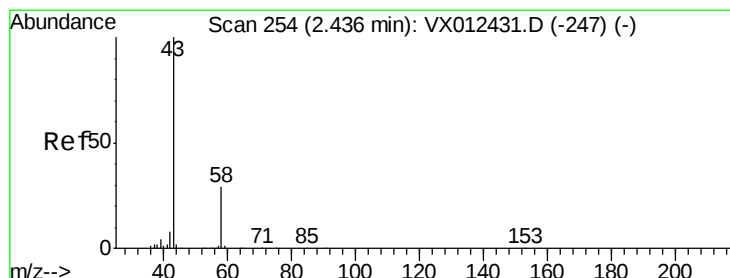
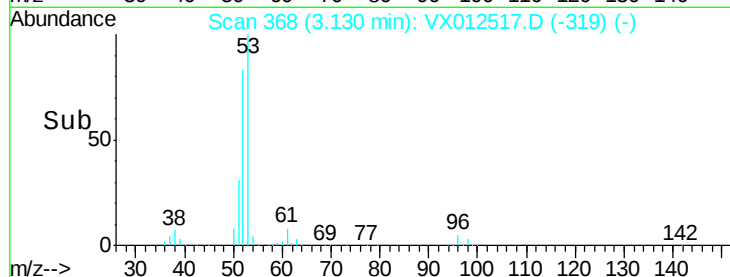
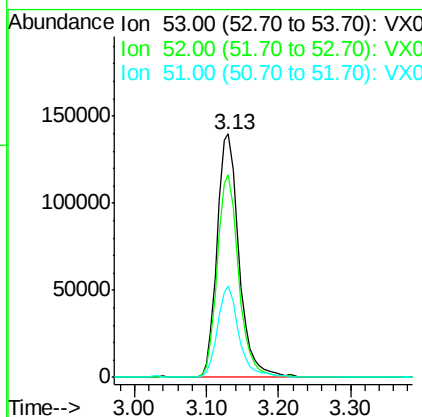
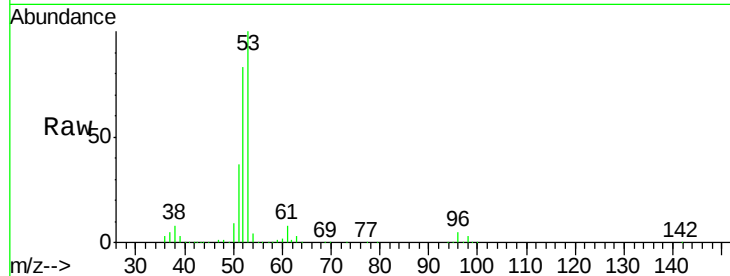
#15
 Acrylonitrile
 Concen: 230.791 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.0	67.0	100.4
51	37.0	29.6	44.4

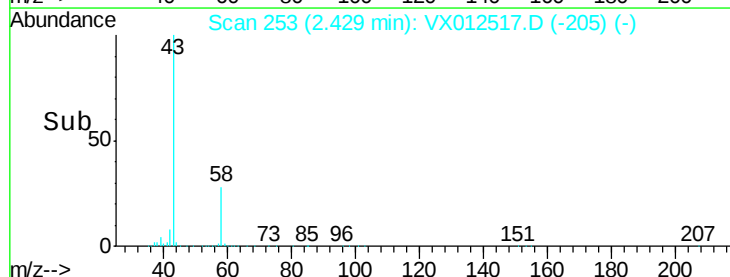
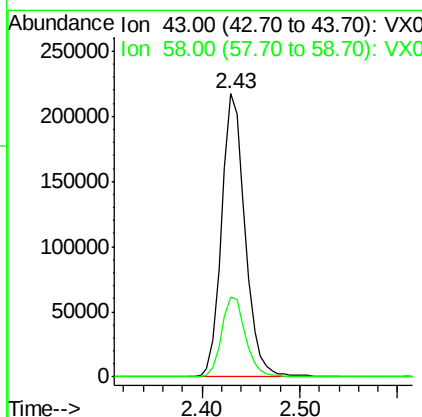
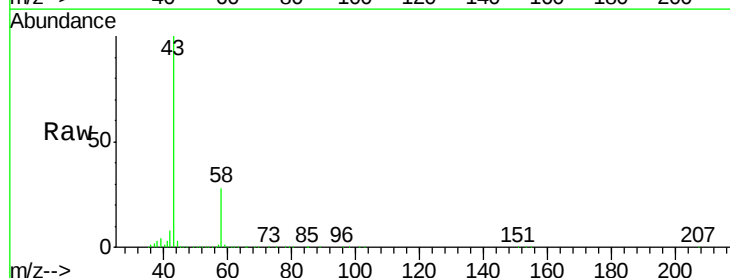
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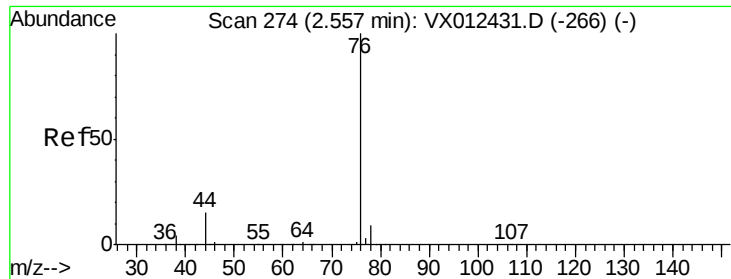
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#16
 Acetone
 Concen: 267.198 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.3	34.9





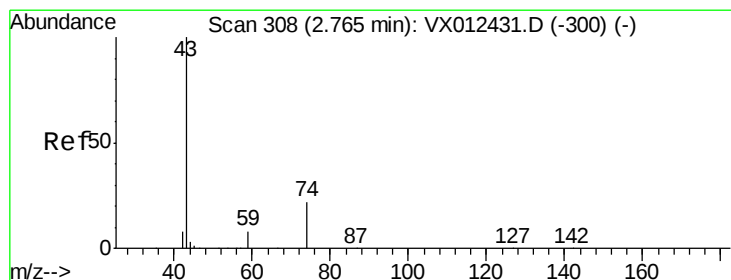
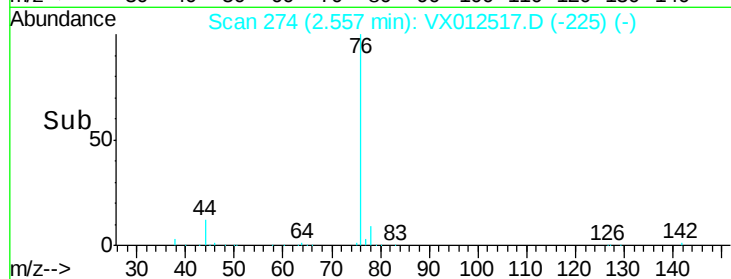
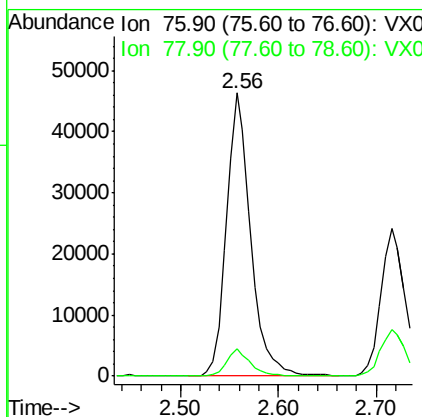
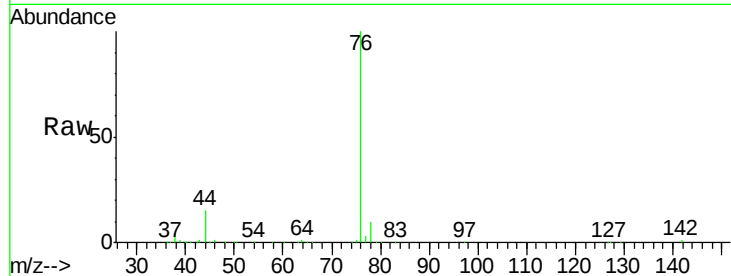
#17
Carbon Disulfide
Concen: 43.685 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.3	10.9

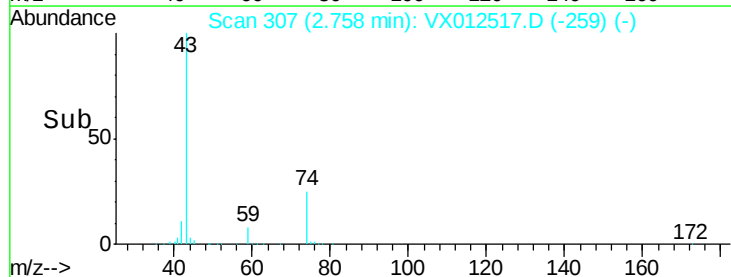
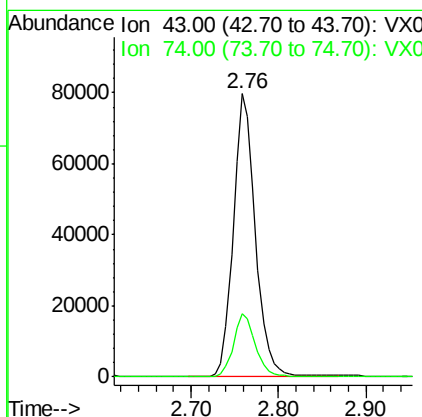
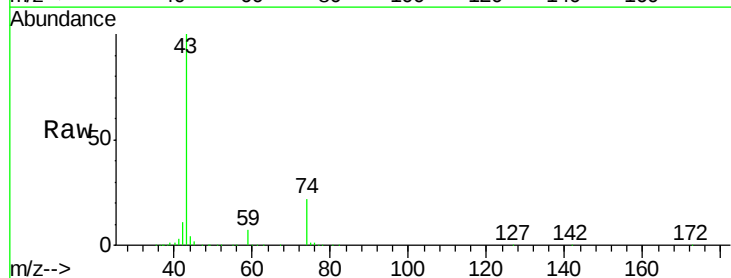
Manual Integrations
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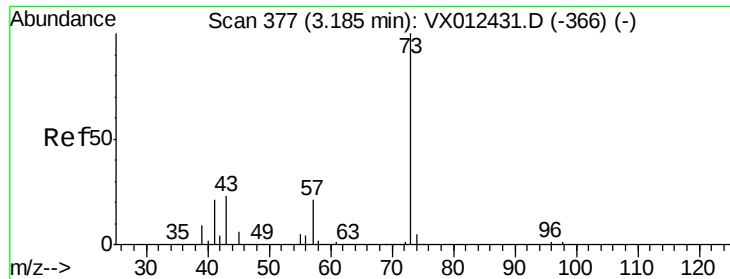
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#18
Methyl Acetate
Concen: 45.526 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.7	26.5





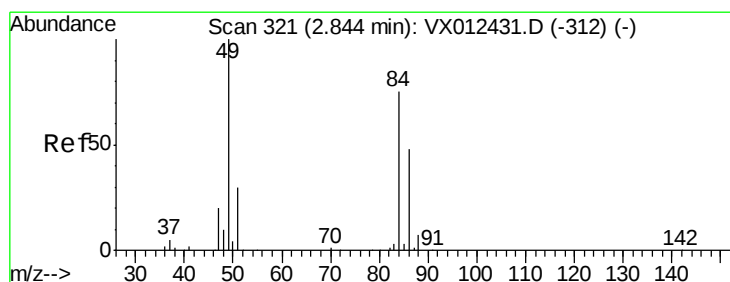
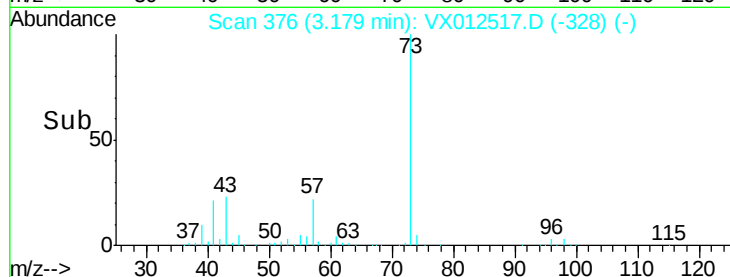
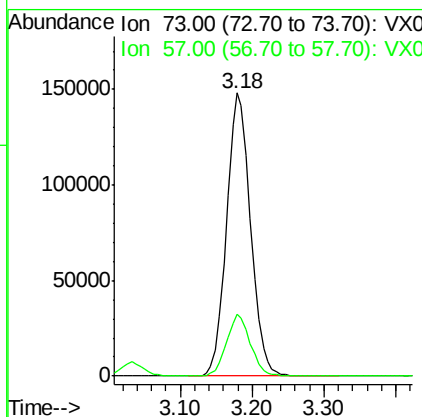
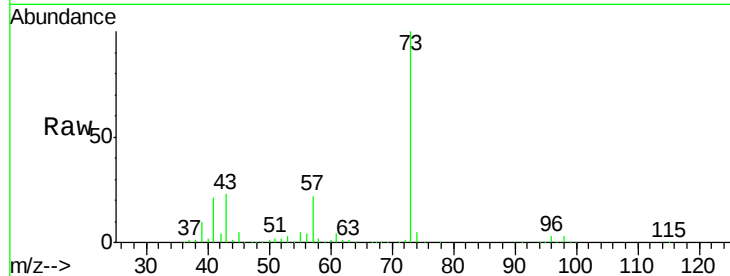
#19
Methvl tert-butvl Ether
Concen: 48.665 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 342855
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2

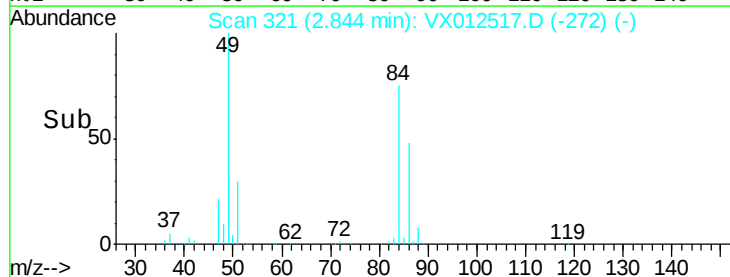
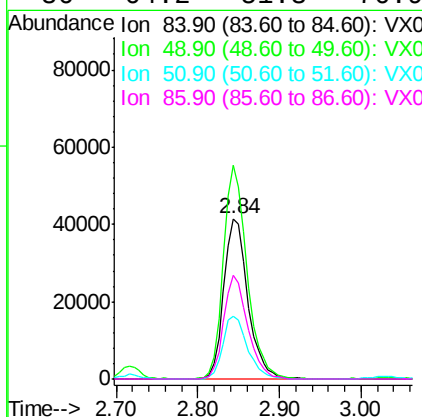
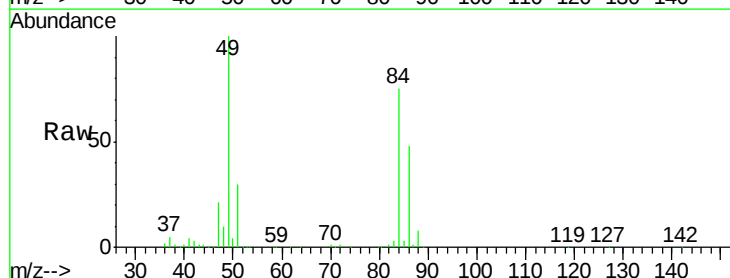
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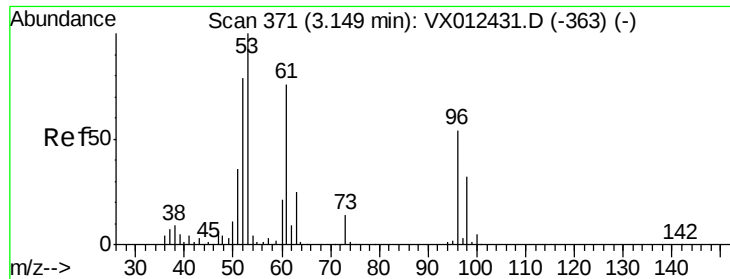
MMDadoda
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#20
Methylene Chloride
Concen: 47.668 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion: 84 Resp: 84975
Ion Ratio Lower Upper
84 100
49 133.0 106.8 160.2
51 39.4 32.3 48.5
86 64.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.474 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 66384

Ion Ratio Lower Upper

96 100

61 144.3 112.0 168.0

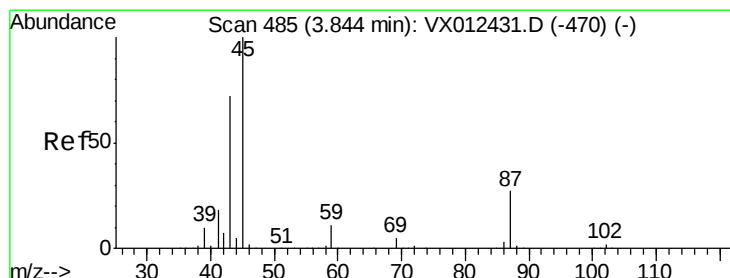
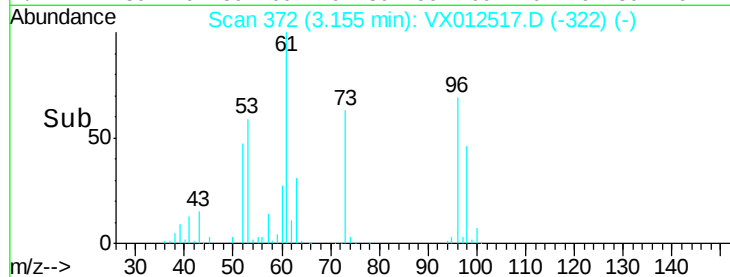
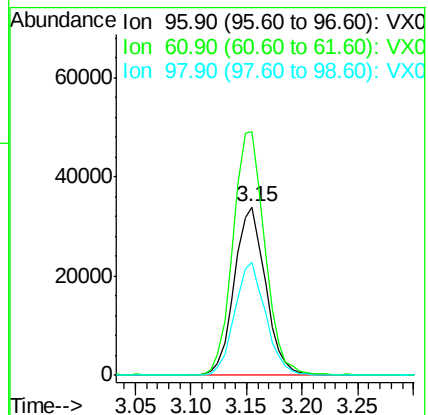
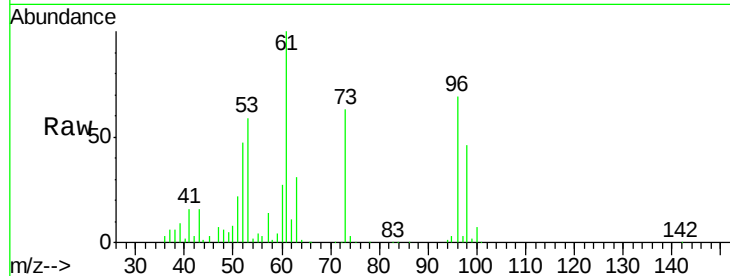
98 66.8 47.8 71.8

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#22

Diisopropyl ether

Concen: 48.555 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Tgt Ion: 45 Resp: 342006

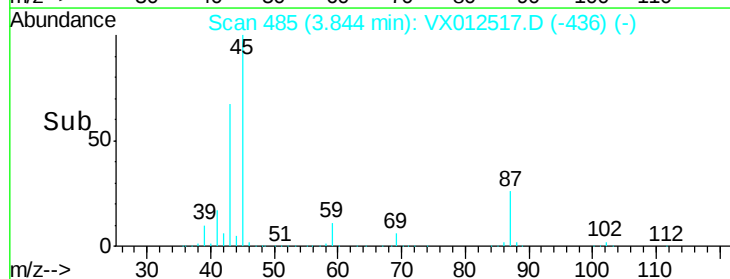
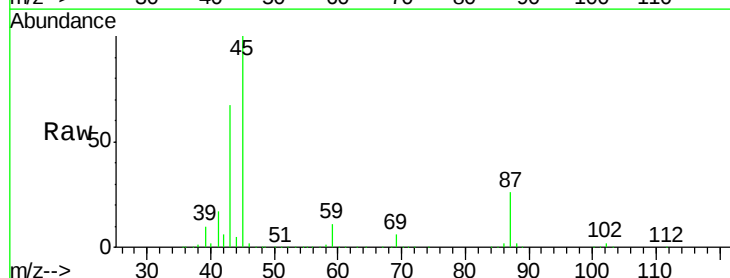
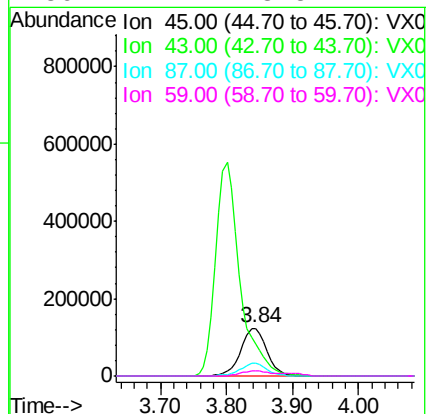
Ion Ratio Lower Upper

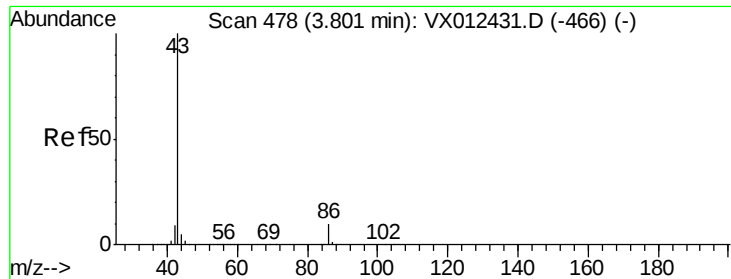
45 100

43 66.8 57.8 86.8

87 26.3 21.3 31.9

59 11.2 8.5 12.7





#23

Vinyl Acetate

Concen: 245.398 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1421865

Ion Ratio Lower Upper

43 100

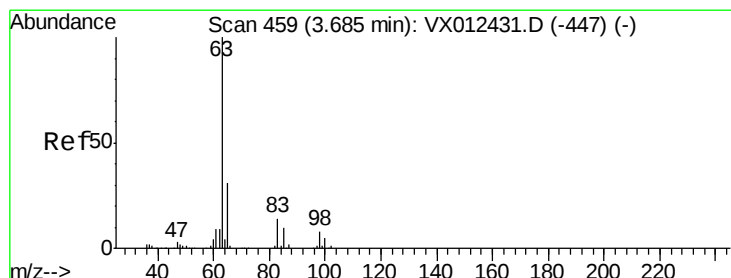
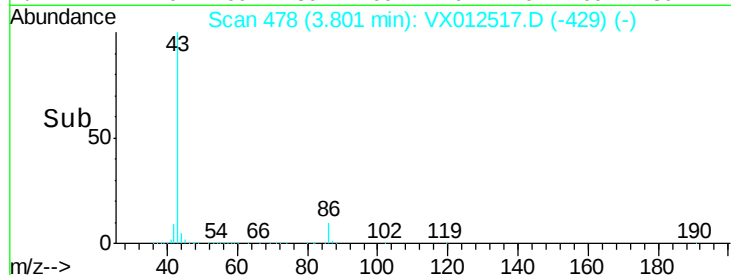
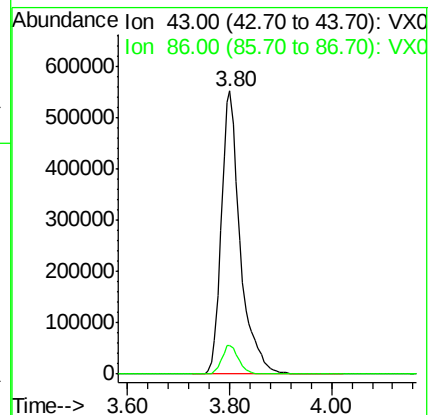
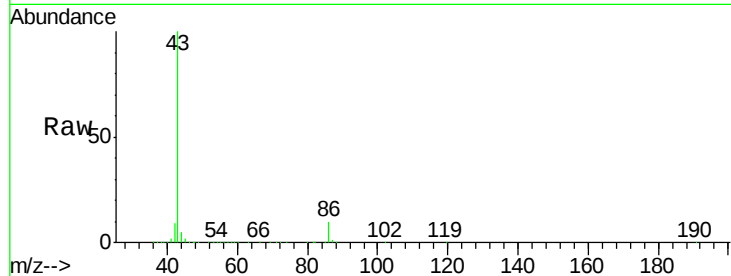
86 10.3 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 49.755 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

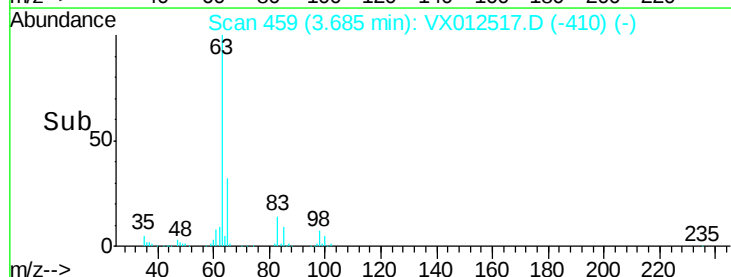
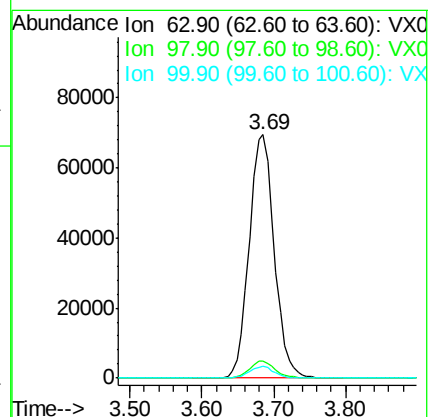
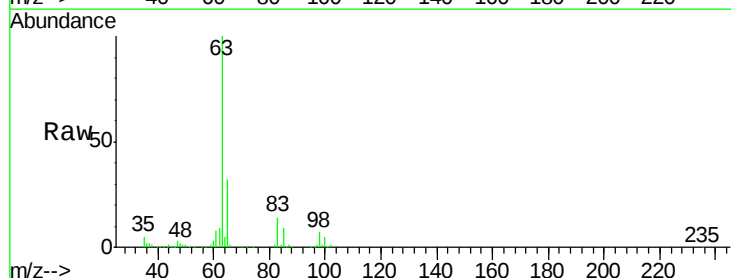
Tgt Ion: 63 Resp: 167678

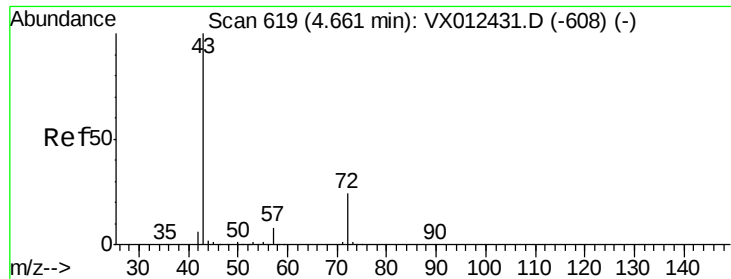
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 232.314 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 474667

Ion Ratio Lower Upper

43 100

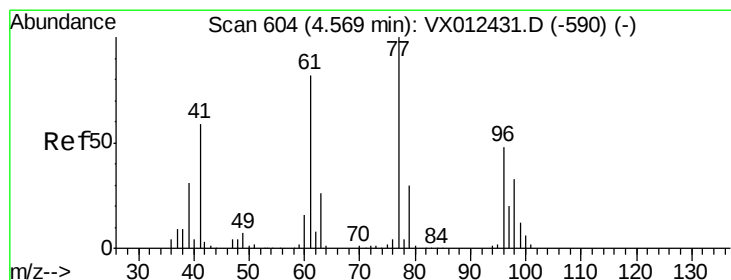
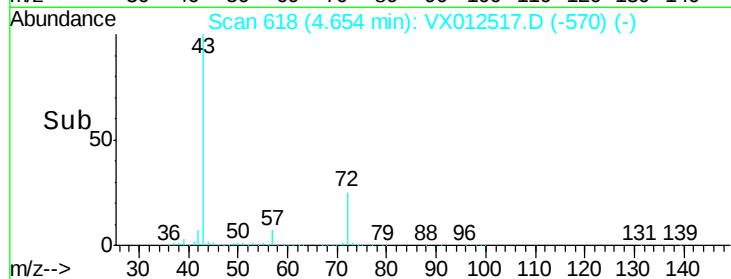
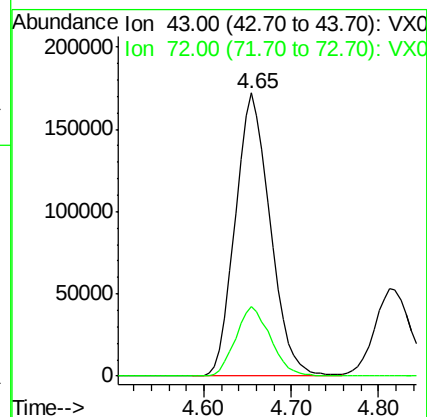
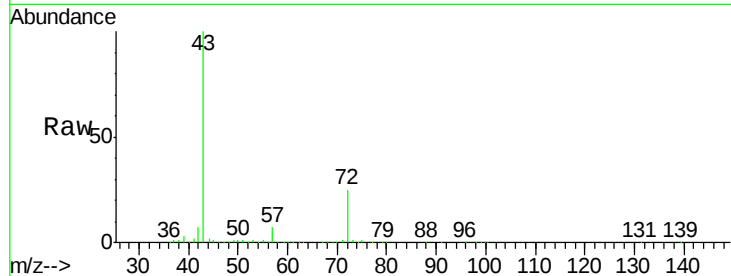
72 24.6 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 47.797 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012517.D

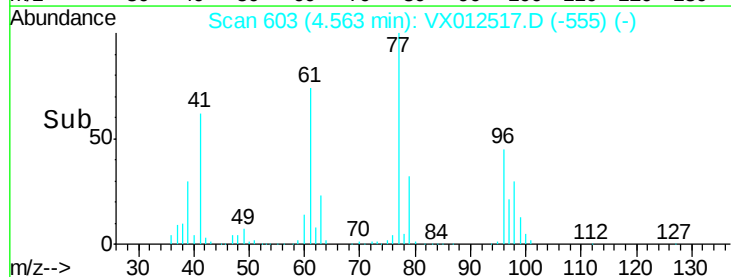
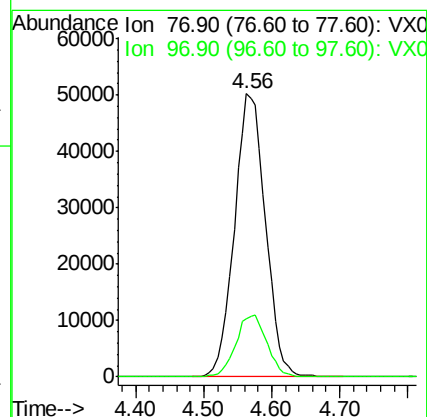
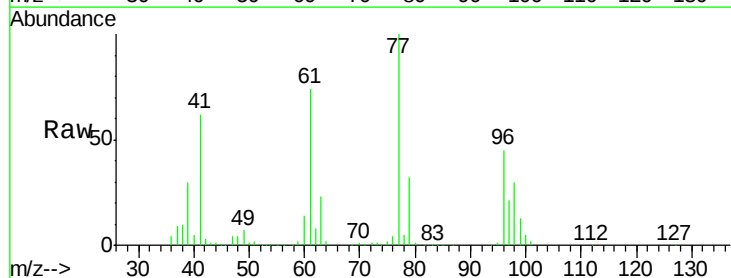
Acq: 19 Sep 2019 10:30

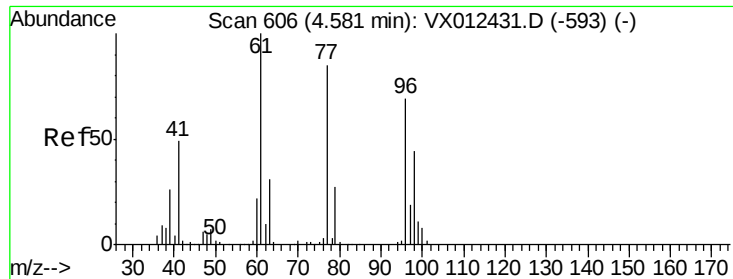
Tgt Ion: 77 Resp: 158421

Ion Ratio Lower Upper

77 100

97 21.9 10.5 31.6





#27

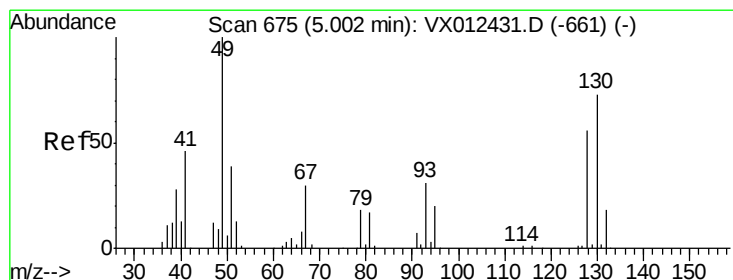
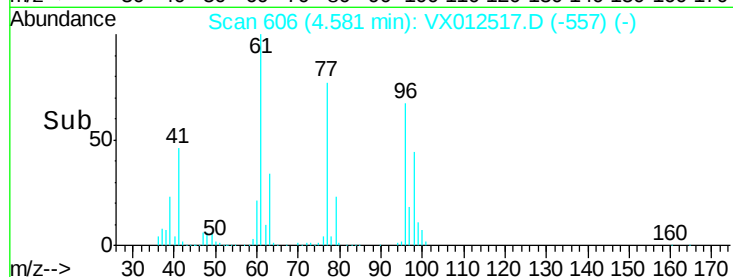
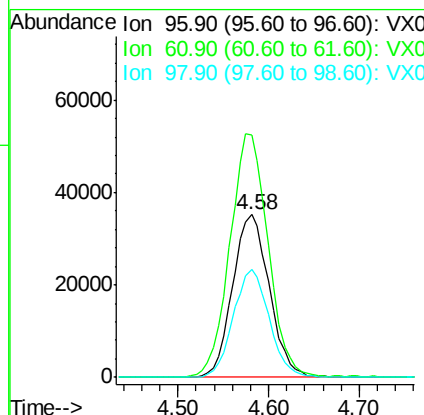
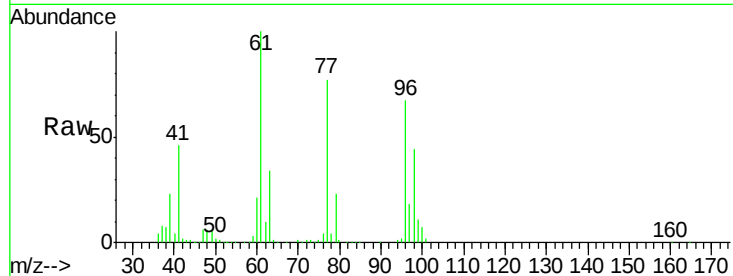
cis-1,2-Dichloroethene
 Concen: 49.292 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	156.2	0.0	319.4	
98	65.0	0.0	130.6	

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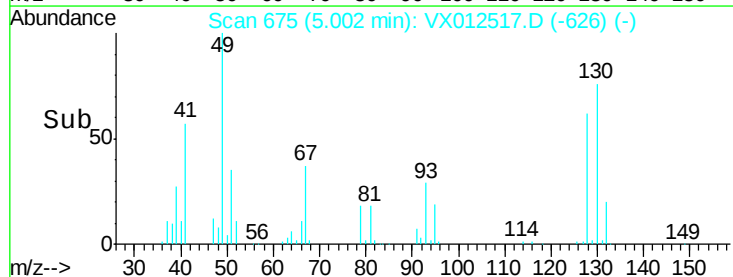
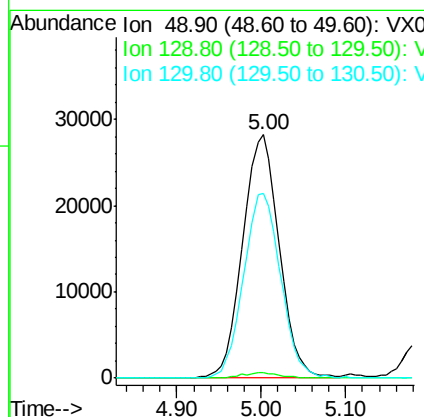
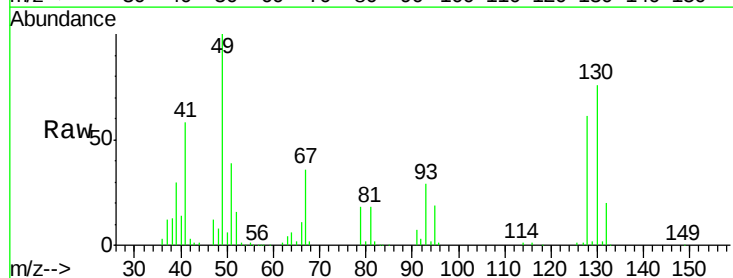
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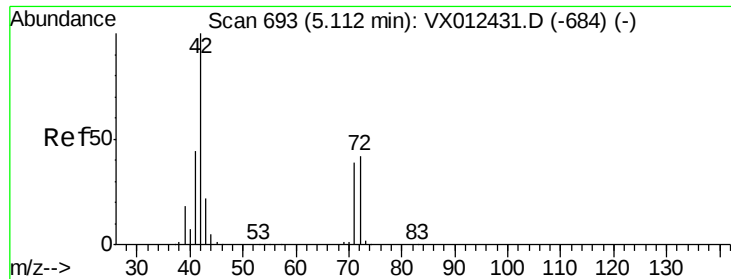


#28

Bromochloromethane
 Concen: 47.831 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	3.8	
130	76.9	58.2	87.4	





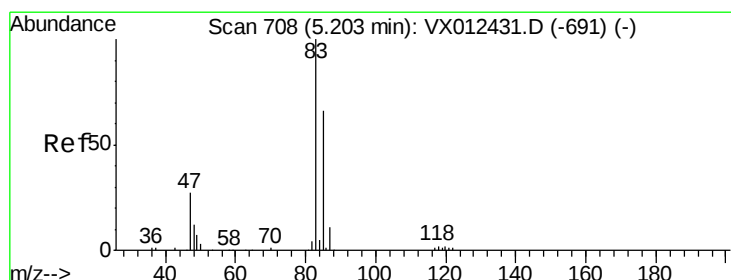
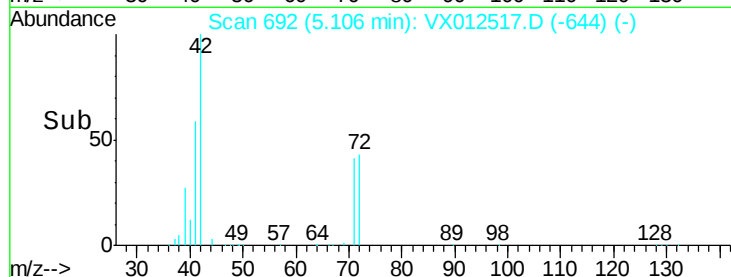
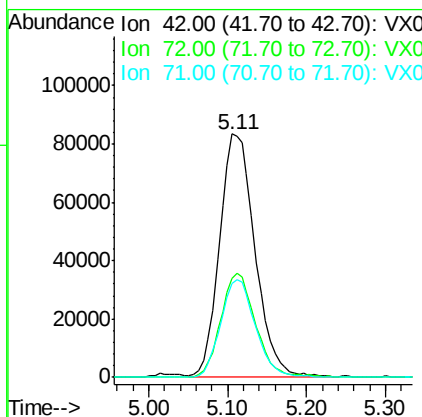
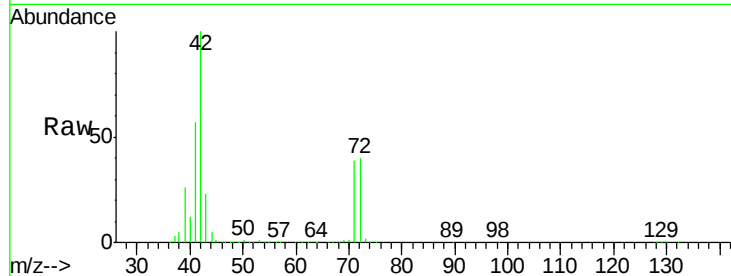
#29
Tetrahydrofuran
Concen: 229.037 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.0	51.0
71	39.8	31.5	47.3

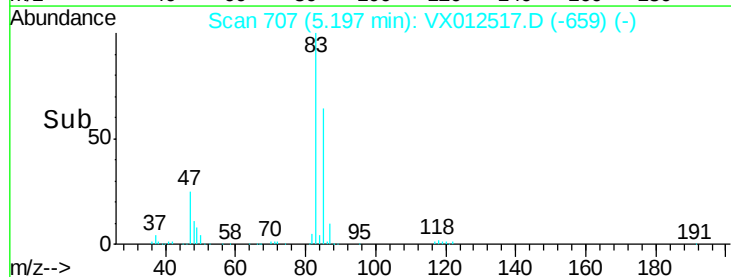
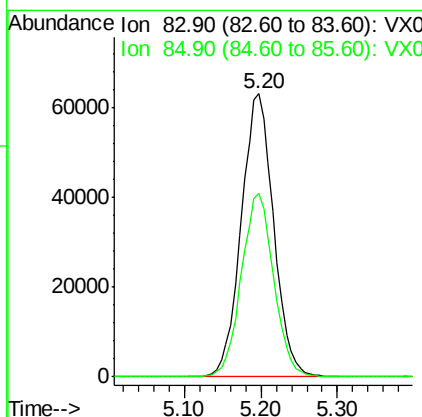
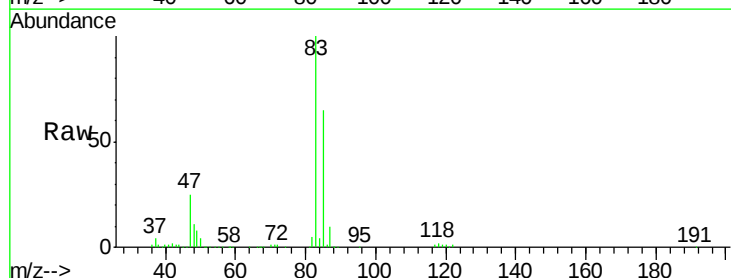
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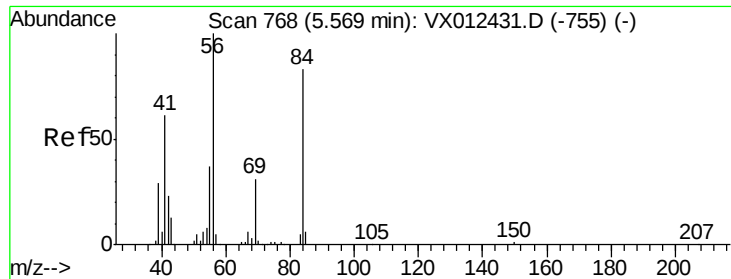
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#30
Chloroform
Concen: 47.846 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.0	79.4





#31

Cyclohexane

Concen: 49.444 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

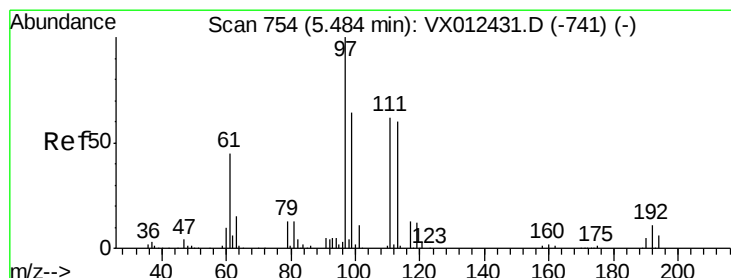
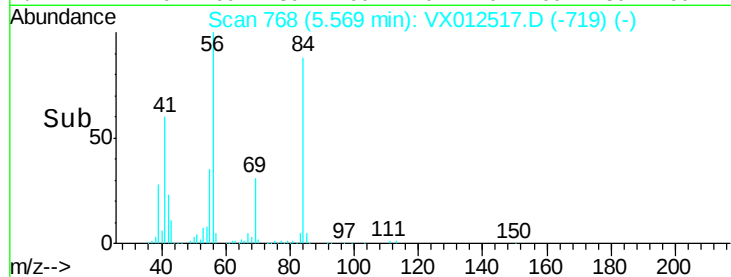
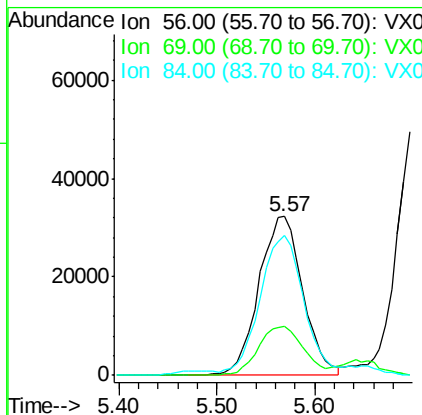
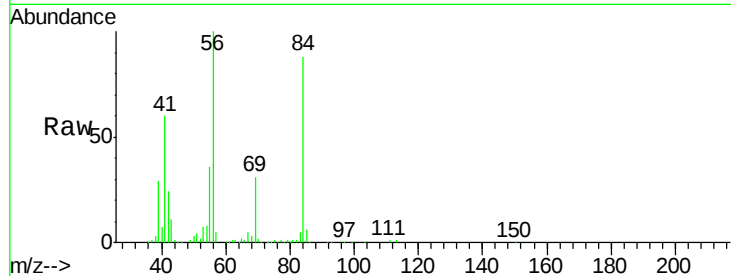
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	100589
Ion Ratio		Lower	Upper
56	100		
69	31.2	25.0	37.6
84	85.5	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 48.792 ug/l

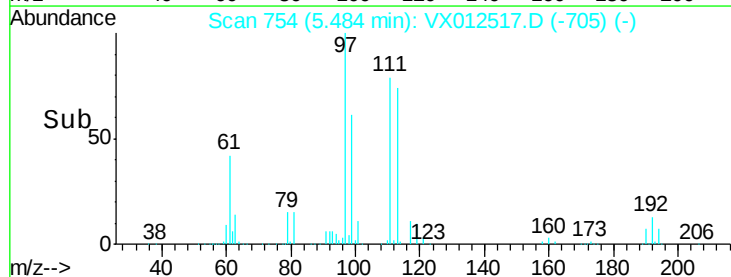
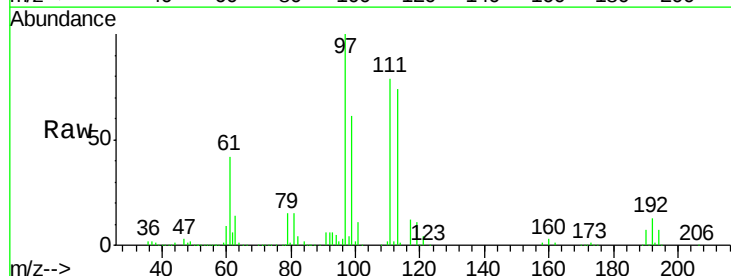
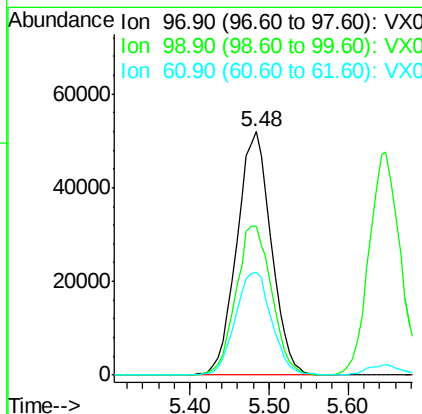
RT: 5.48 min Scan# 754

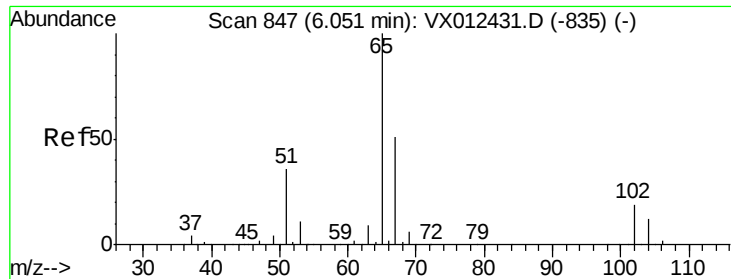
Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Tgt Ion:	97	Resp:	157837
Ion Ratio		Lower	Upper
97	100		
99	63.5	51.3	76.9
61	44.5	36.1	54.1





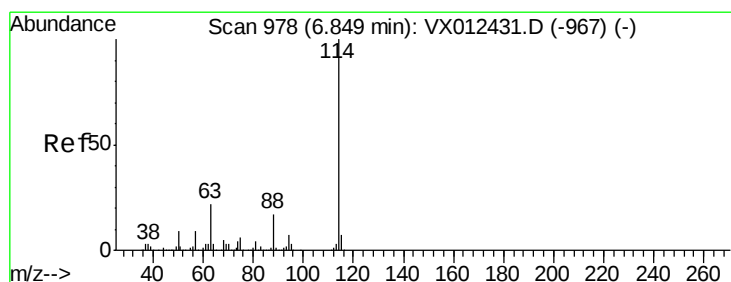
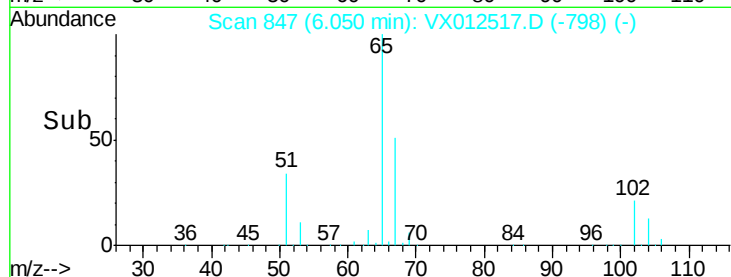
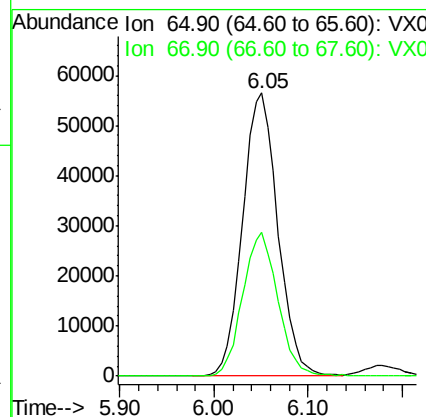
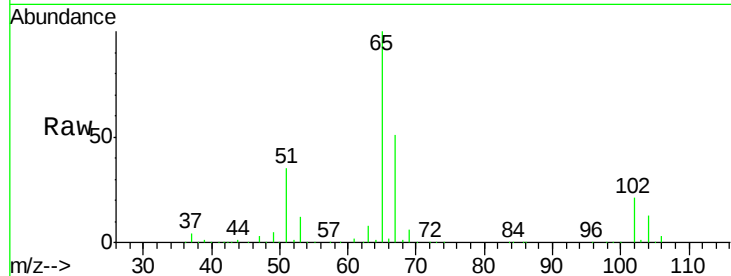
#33
 1,2-Dichloroethane-d4
 Concen: 50.245 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	148000		
67	50.7	0.0	101.2	

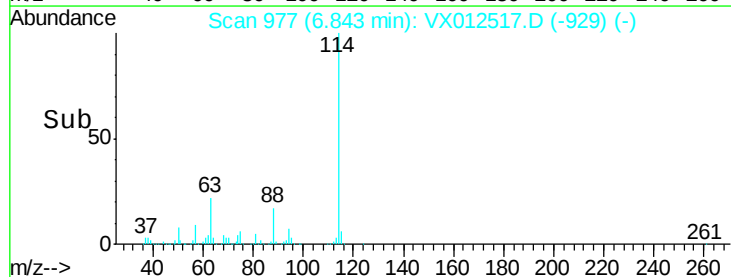
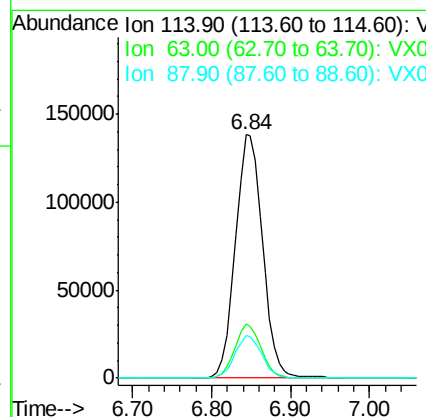
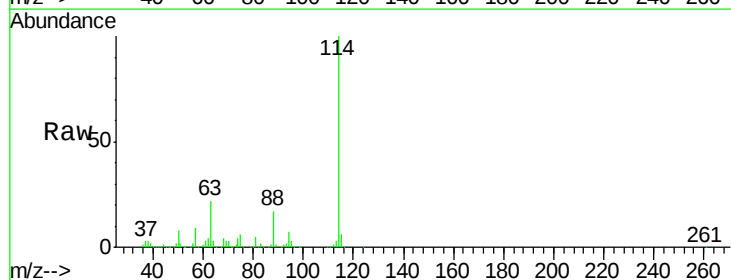
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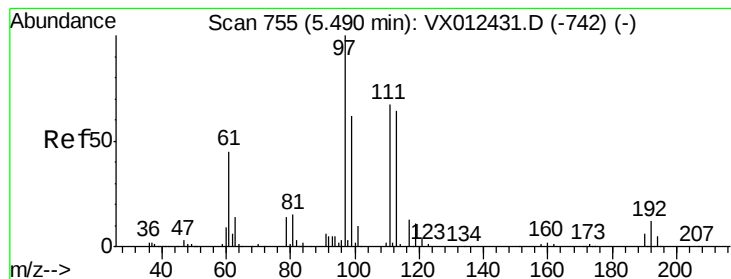
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	333037		
63	22.5	0.0	43.2	
88	17.3	0.0	33.2	





#35

Dibromofluoromethane

Concen: 54.730 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

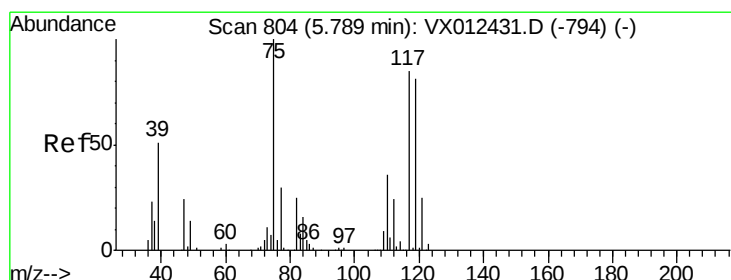
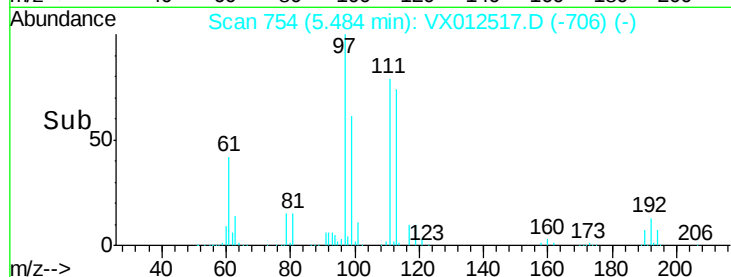
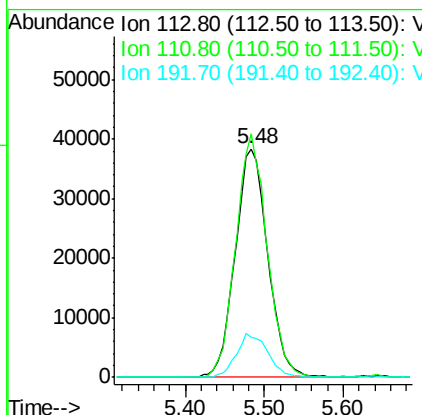
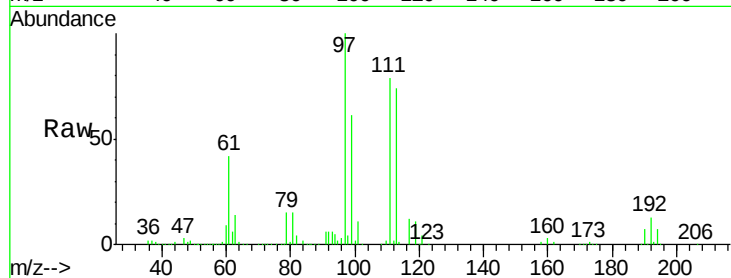
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	110321
Ion Ratio	Lower	Upper	
113	100		
111	102.0	83.4	125.2
192	18.6	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 51.877 ug/l

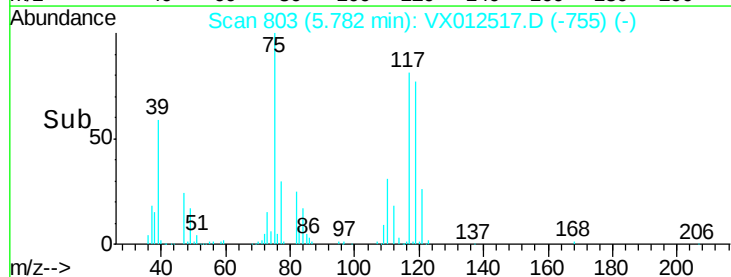
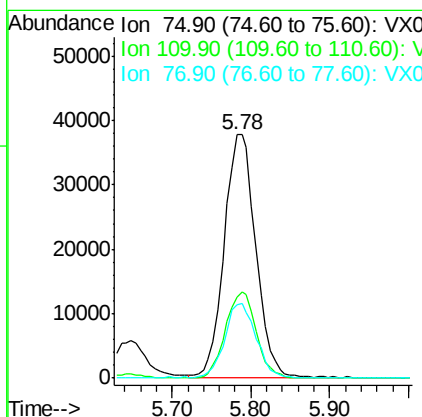
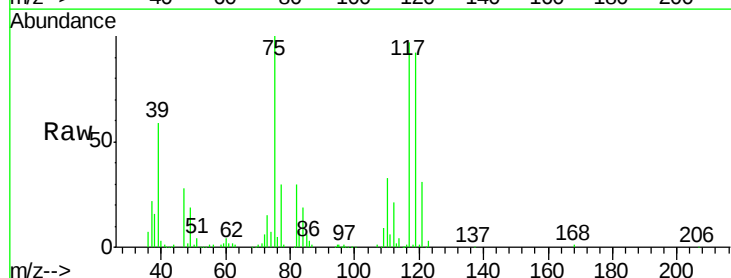
RT: 5.78 min Scan# 803

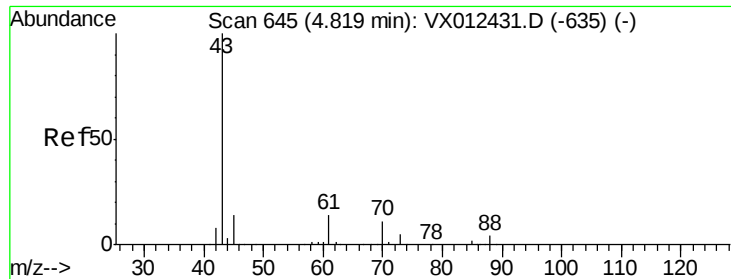
Delta R.T. -0.01 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Tgt Ion:	75	Resp:	105002
Ion Ratio	Lower	Upper	
75	100		
110	34.6	16.7	50.0
77	30.3	24.2	36.2





#37

Ethyl Acetate

Concen: 50.369 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

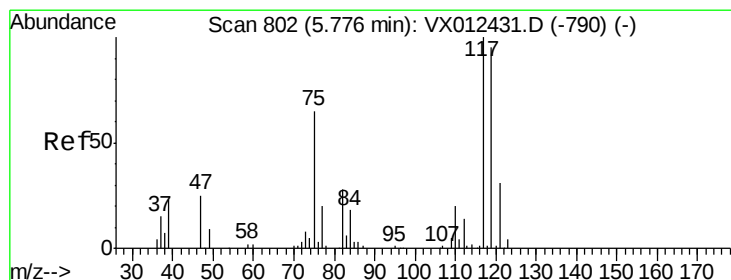
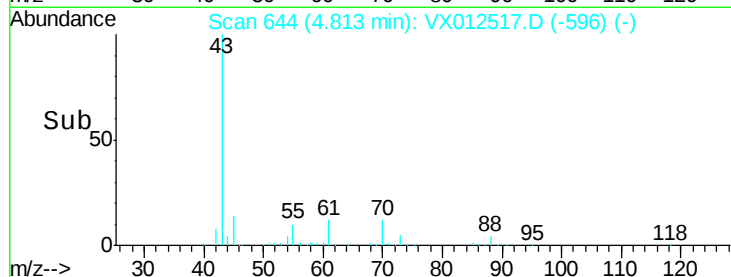
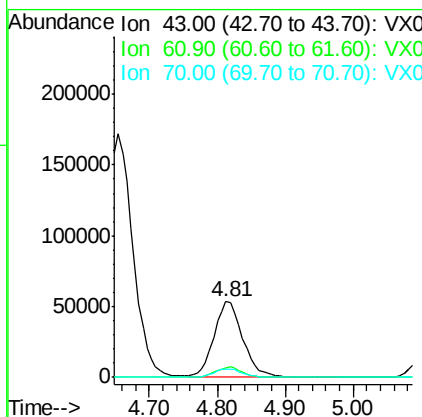
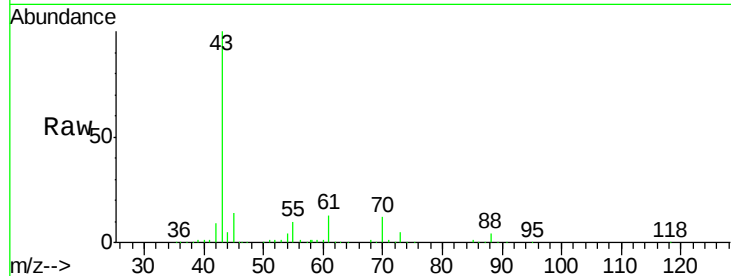
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	156493
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.2	15.4
70	11.1	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 51.130 ug/l

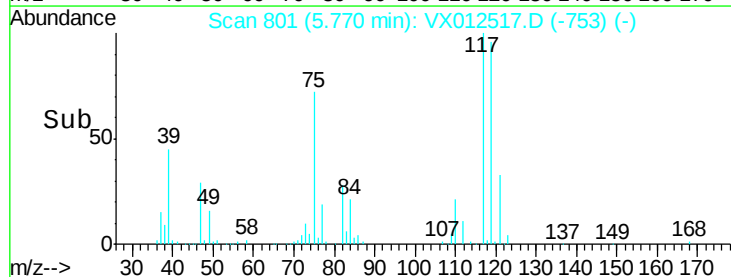
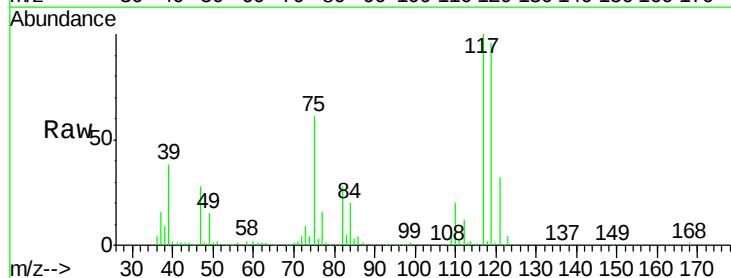
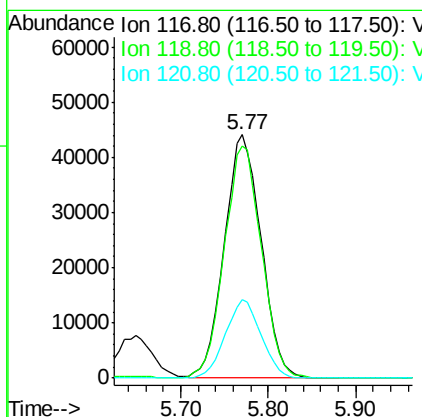
RT: 5.77 min Scan# 801

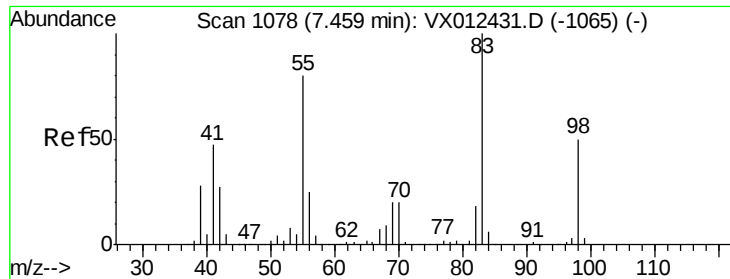
Delta R.T. -0.01 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Tgt Ion:	117	Resp:	128712
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.7	113.5
121	32.5	24.2	36.4





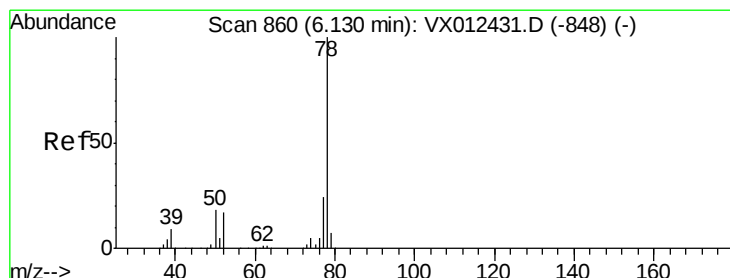
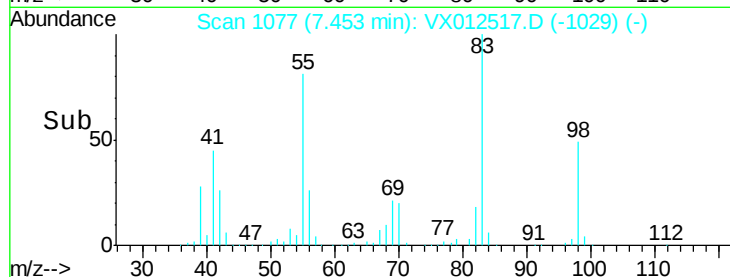
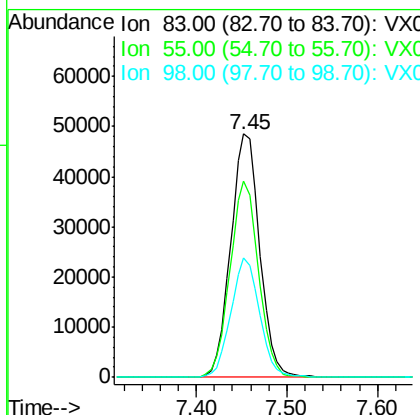
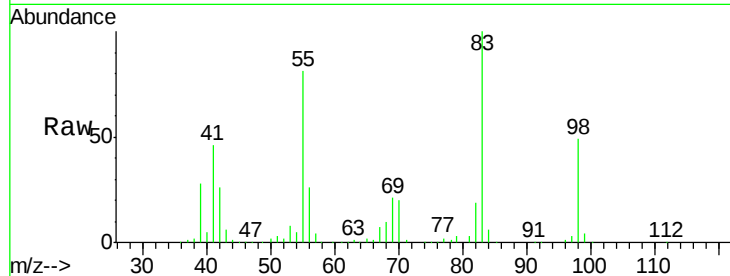
#39
Methvlcvclohexane
Concen: 54.798 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	107822		
55	80.8		64.4	96.6
98	49.0		40.1	60.1

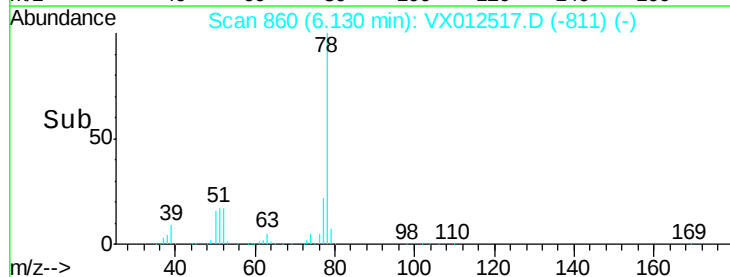
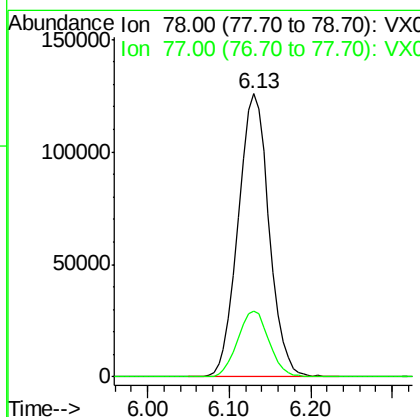
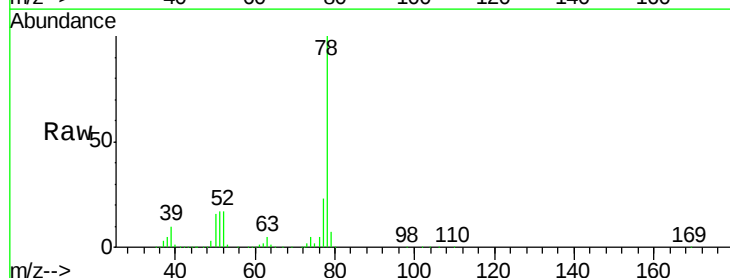
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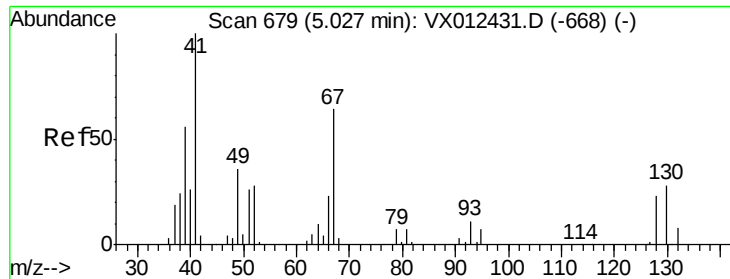
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#40
Benzene
Concen: 51.449 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	331143		
77	23.2		19.2	28.8





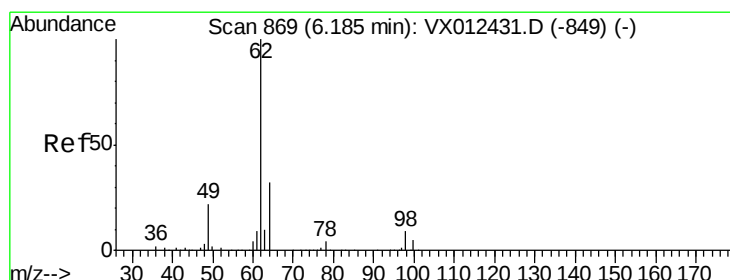
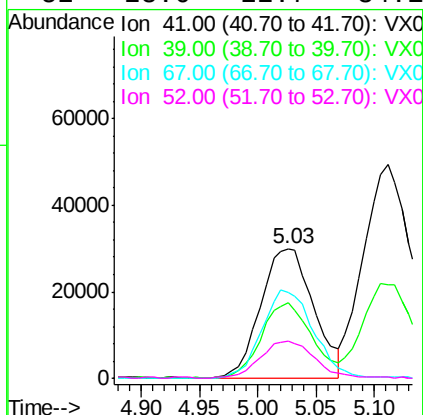
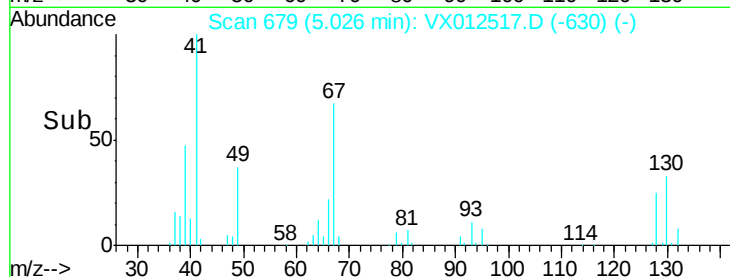
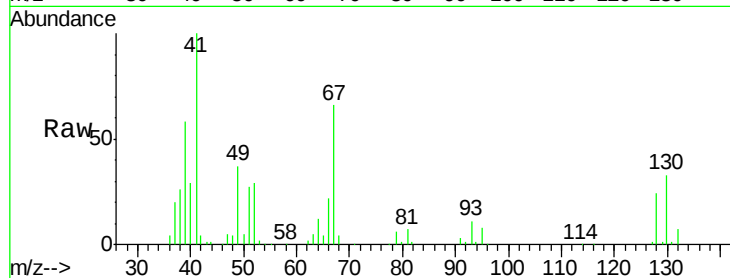
#41
Methacrylonitrile
Concen: 47.391 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	46.0	69.0	
67	66.2	52.2	78.2	
52	28.6	22.7	34.1	

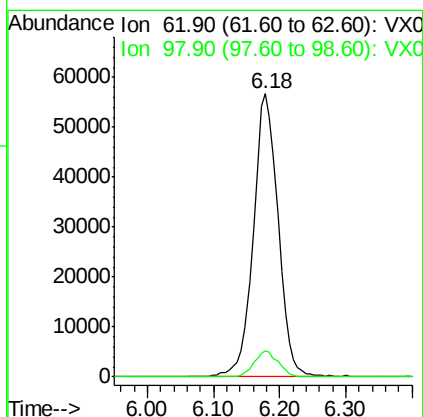
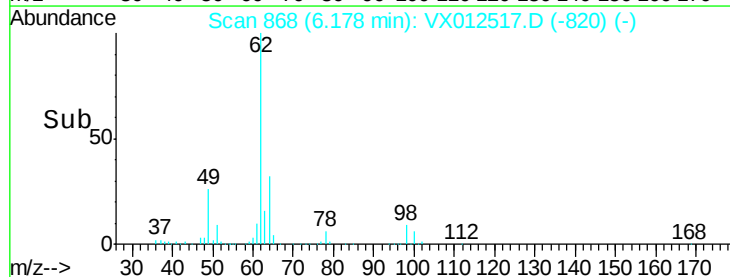
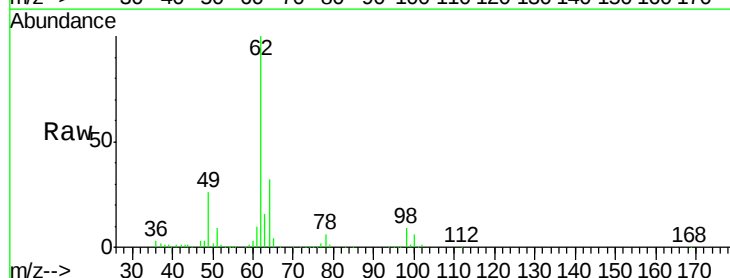
Manual Integrations
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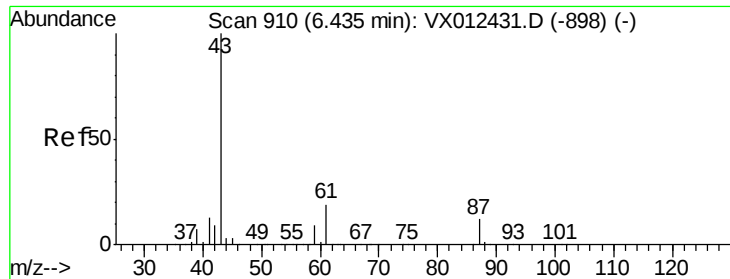
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#42
1,2-Dichloroethane
Concen: 49.607 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	17.8	





#43

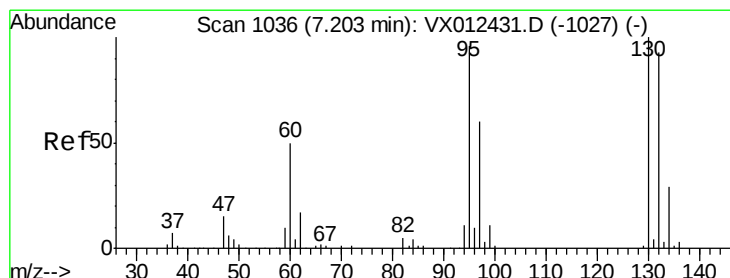
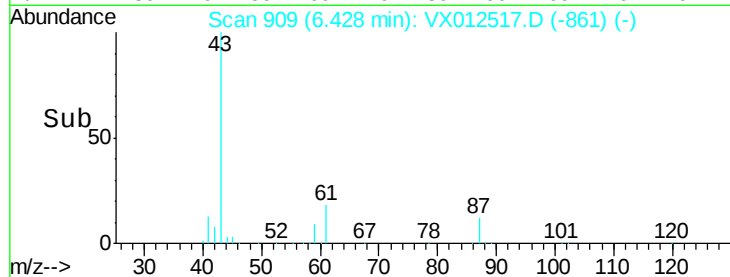
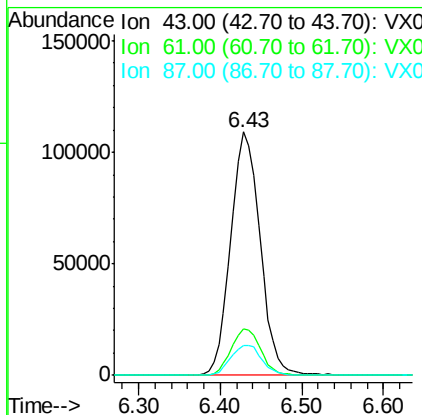
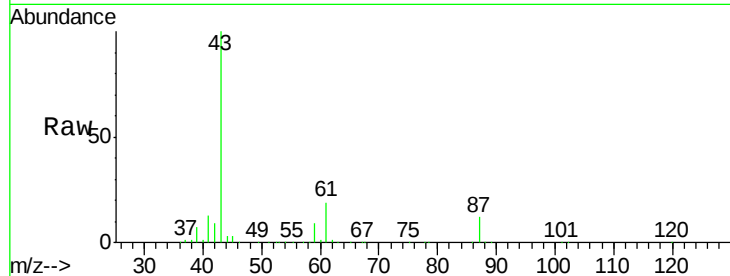
Isopropyl Acetate
 Concen: 48.613 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	13.0	9.8	14.8

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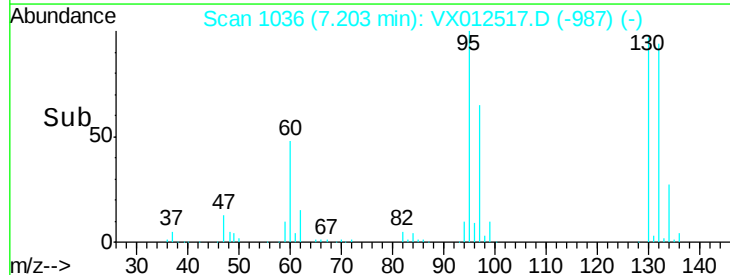
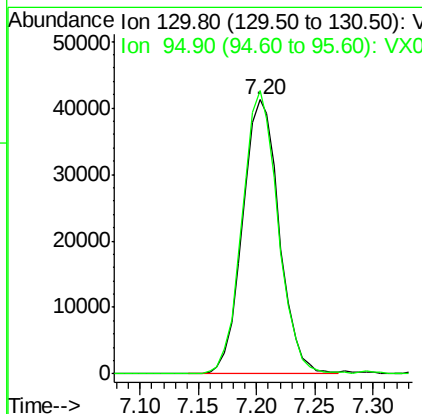
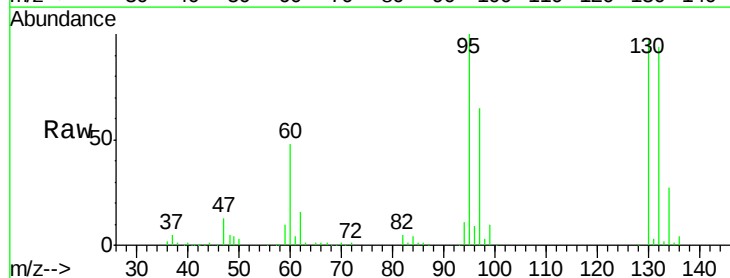
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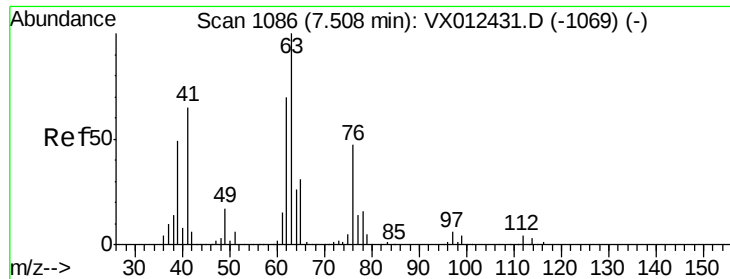


#44

Trichloroethene
 Concen: 53.464 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	193.0





#45

1,2-Dichloropropane

Concen: 50.626 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 100109

Ion Ratio Lower Upper

63 100

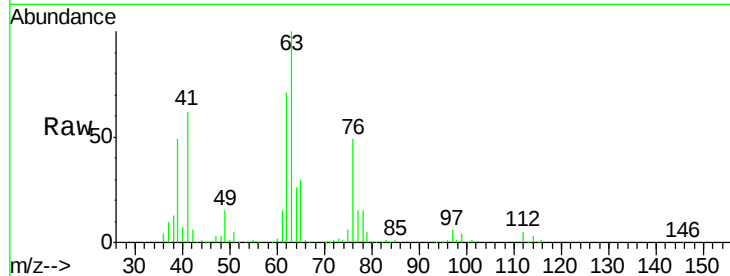
65 29.3 25.0 37.6

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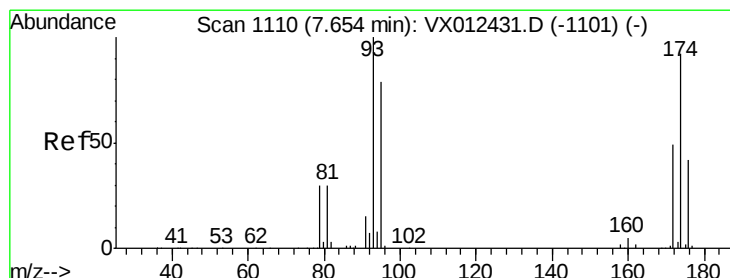
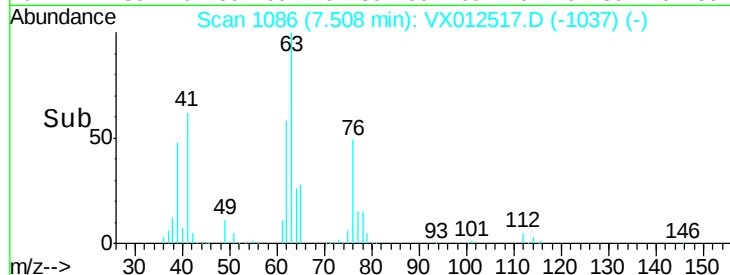
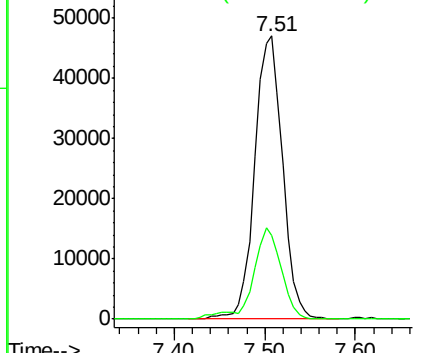
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.715 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

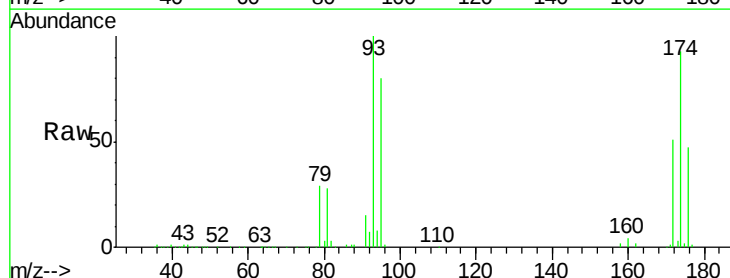
Tgt Ion: 93 Resp: 66176

Ion Ratio Lower Upper

93 100

95 80.8 66.6 100.0

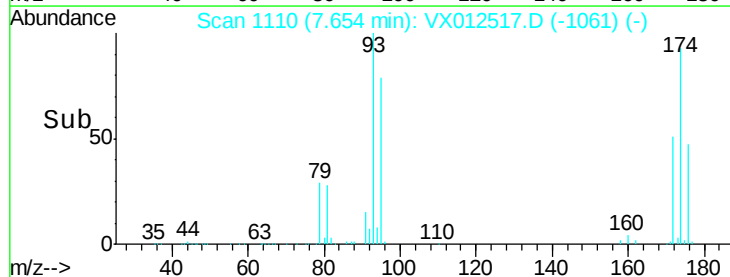
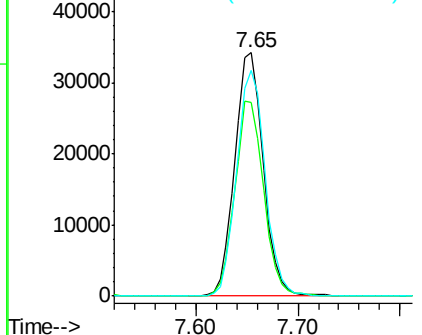
174 92.7 77.4 116.0

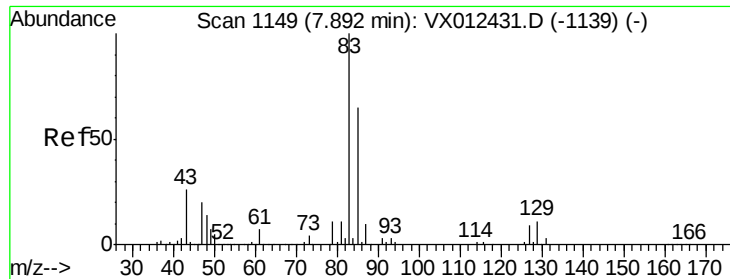


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.426 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

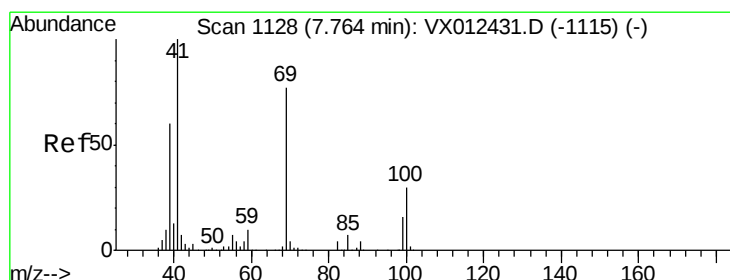
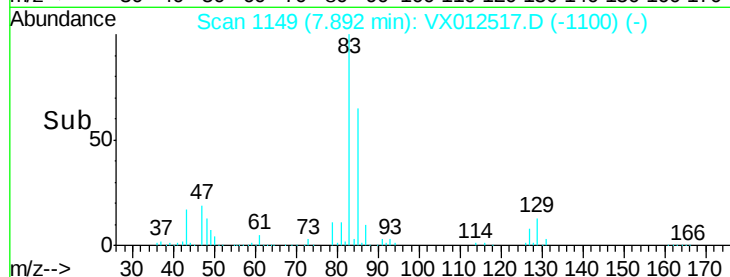
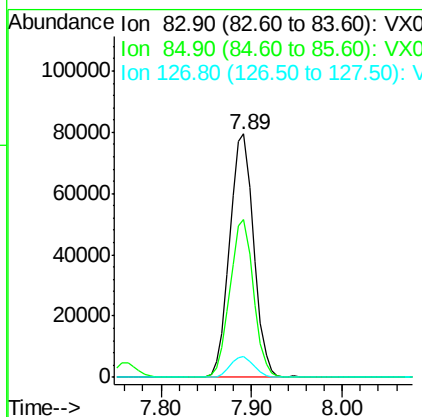
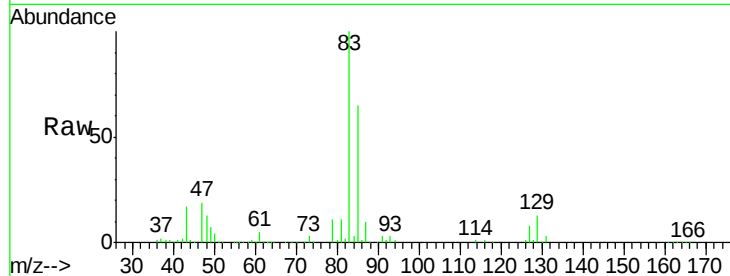
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	146523
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6
127	8.4	7.3	10.9

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#48

Methyl methacrylate

Concen: 48.637 ug/l

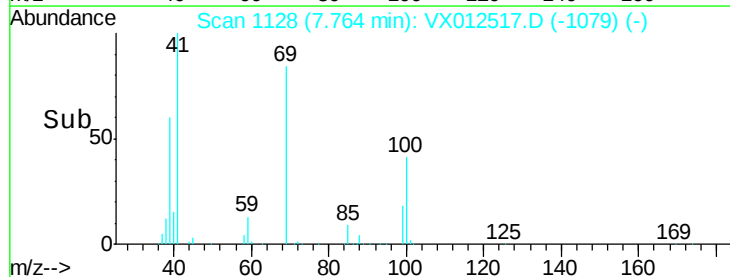
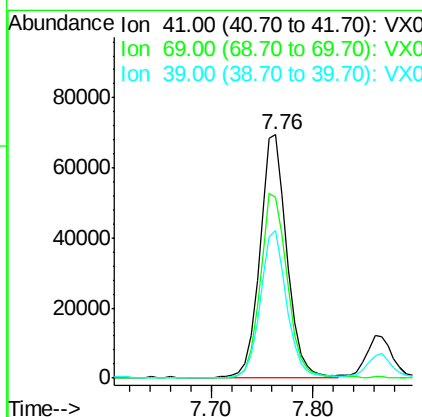
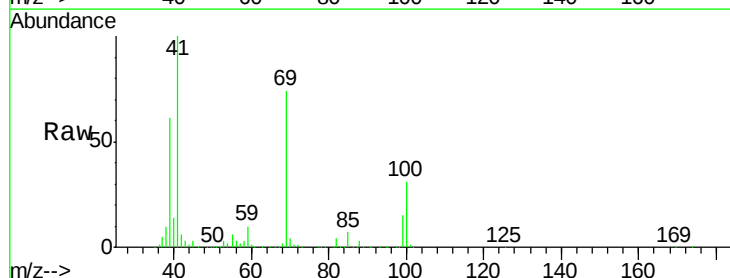
RT: 7.76 min Scan# 1128

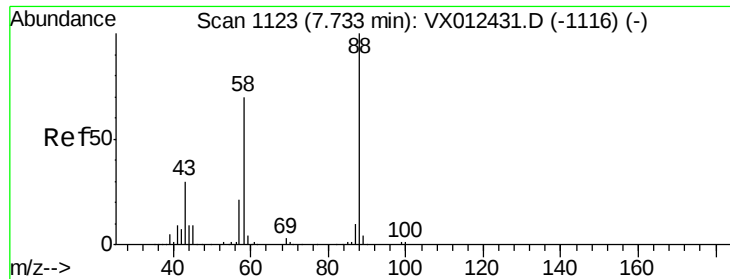
Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Tgt Ion:	41	Resp:	127847
Ion	Ratio	Lower	Upper
41	100		
69	76.9	59.9	89.9
39	59.3	47.8	71.6





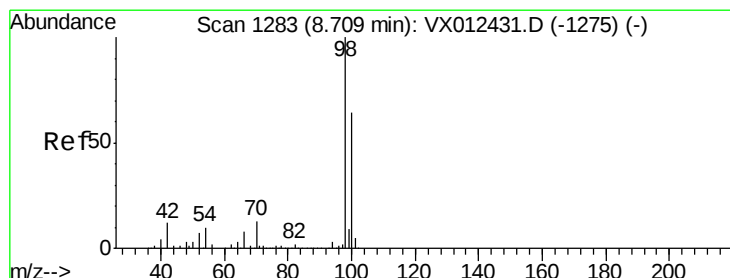
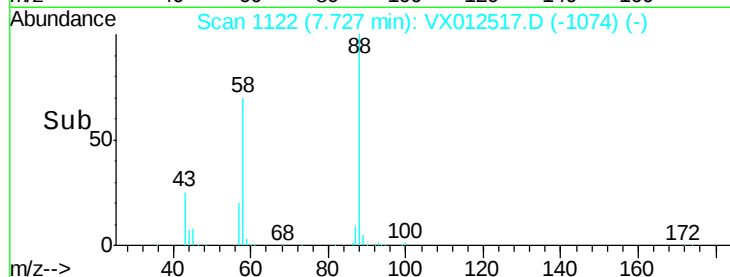
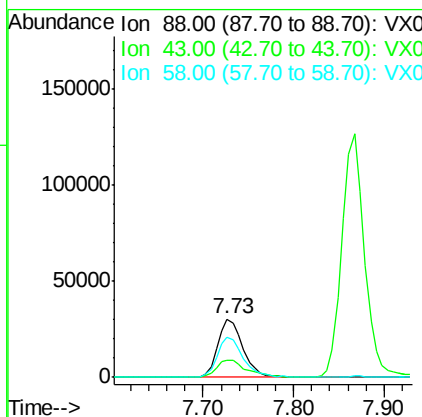
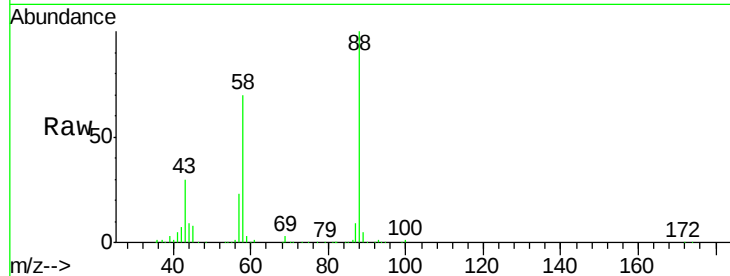
#49
1,4-Dioxane
Concen: 932.397 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	59651		
43	34.8		29.4	44.0
58	71.1		57.5	86.3

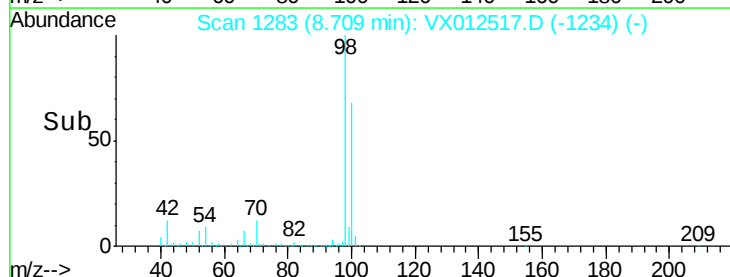
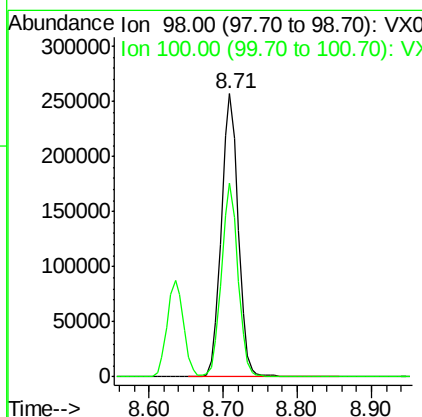
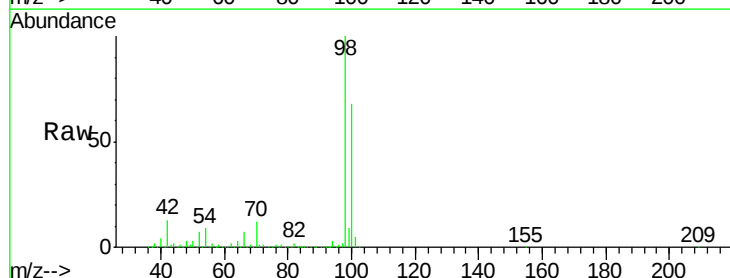
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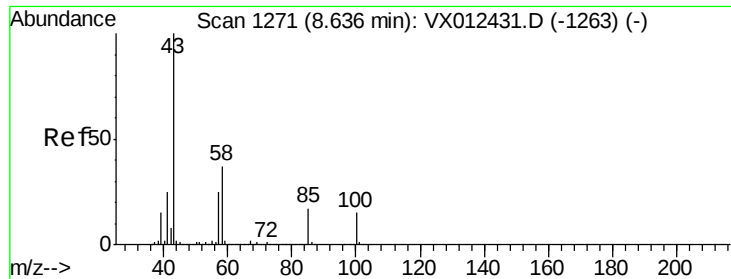
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#50
Toluene-d8
Concen: 54.270 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	404917		
100	66.9		53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 237.488 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 868469

Ion Ratio Lower Upper

43 100

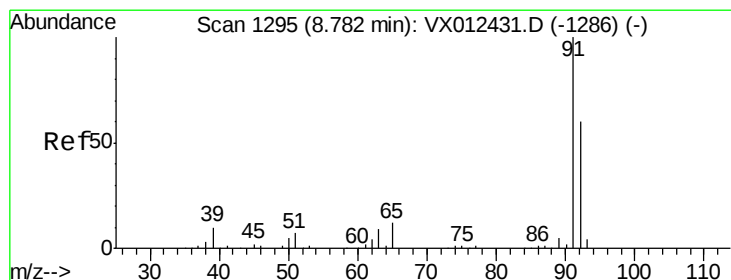
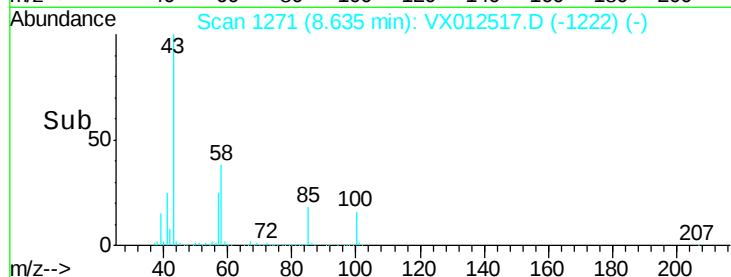
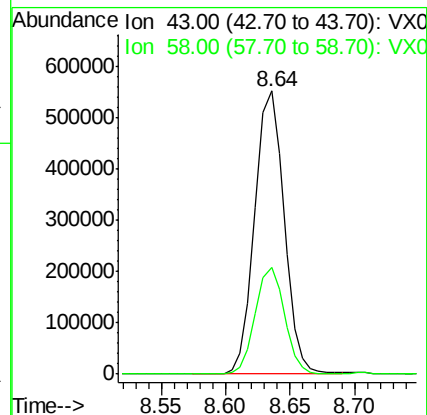
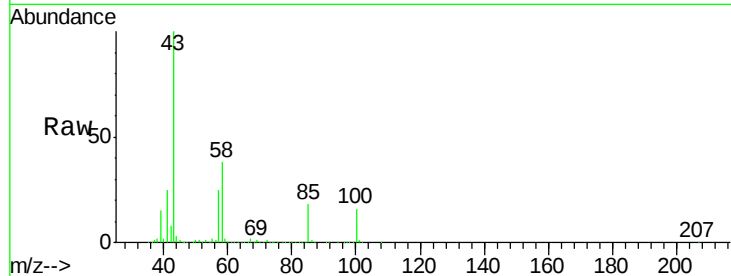
58 37.6 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 52.492 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012517.D

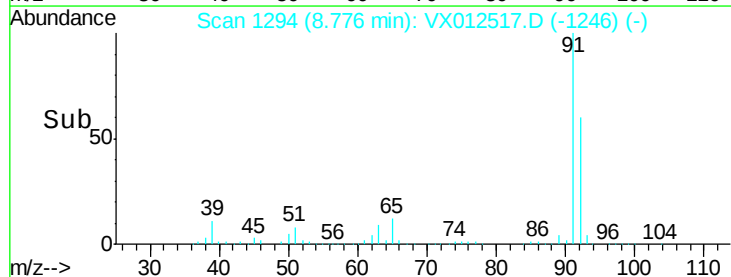
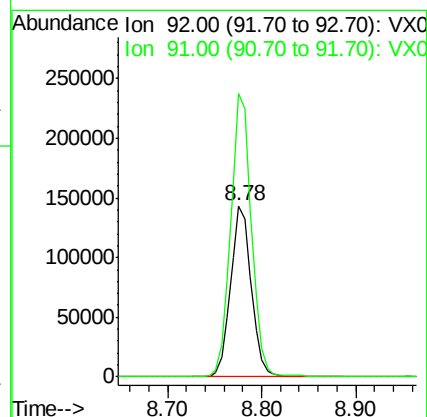
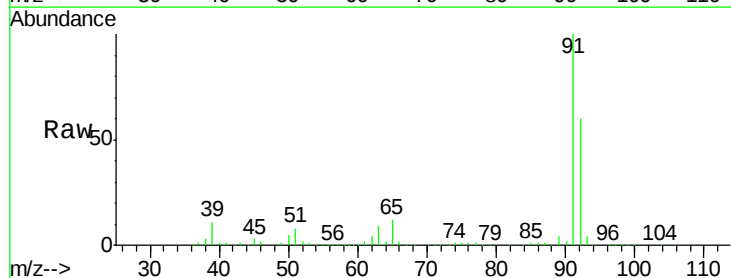
Acq: 19 Sep 2019 10:30

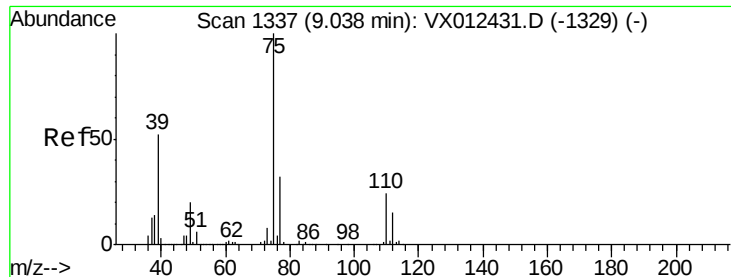
Tgt Ion: 92 Resp: 217704

Ion Ratio Lower Upper

92 100

91 166.6 135.4 203.0





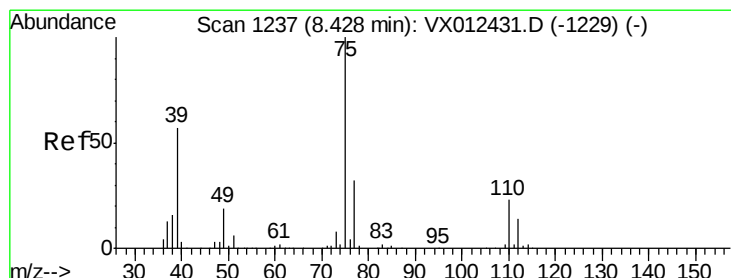
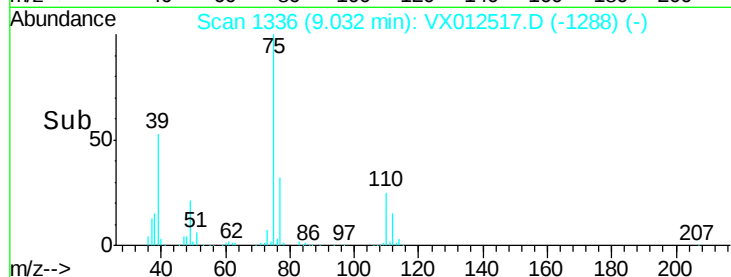
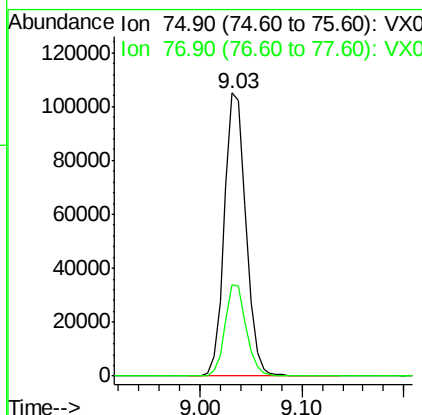
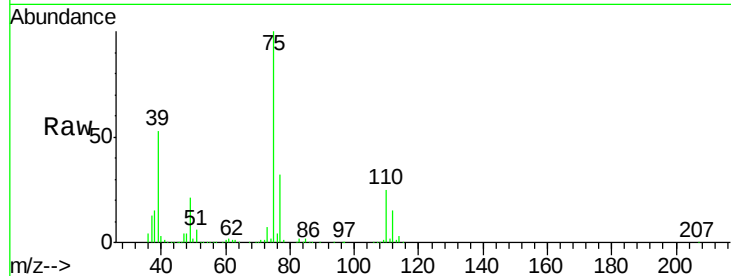
#53
 t-1,3-Dichloropropene
 Concen: 51.920 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 153773
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8

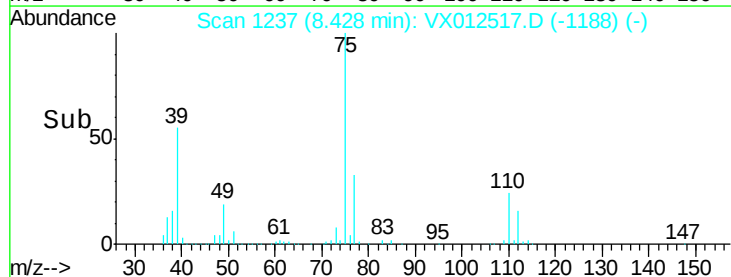
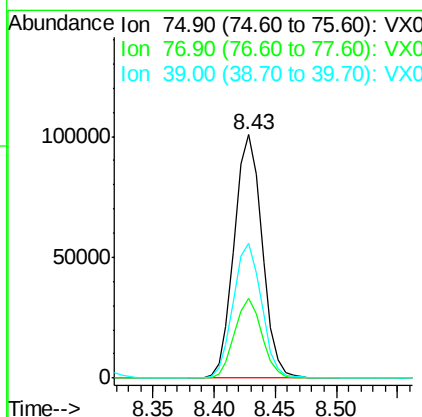
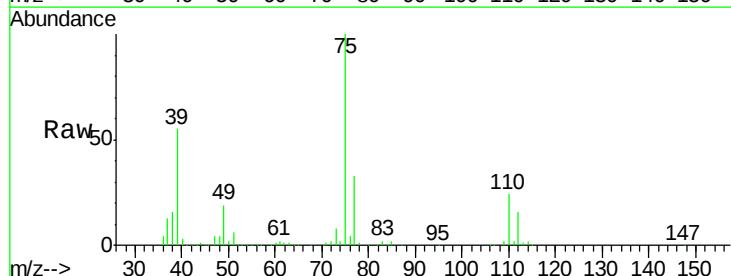
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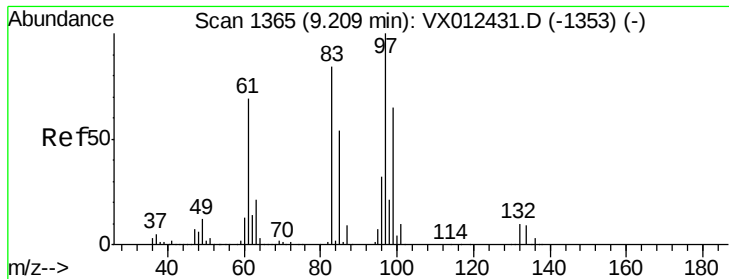
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#54
 cis-1,3-Dichloropropene
 Concen: 52.043 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Tgt Ion: 75 Resp: 159575
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.8
 39 55.3 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 50.293 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

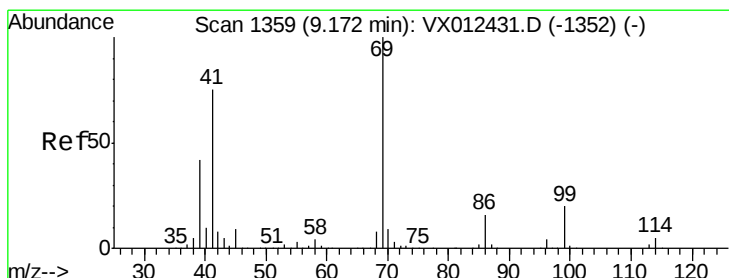
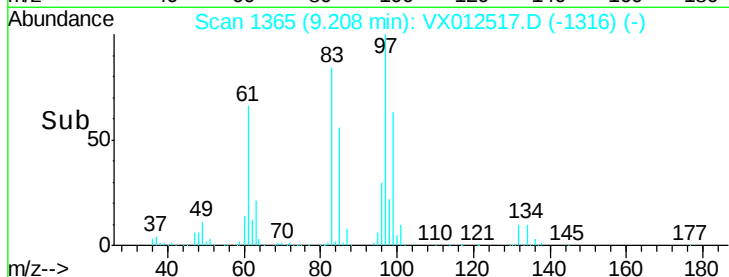
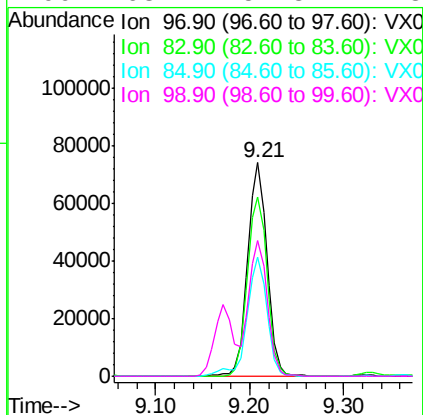
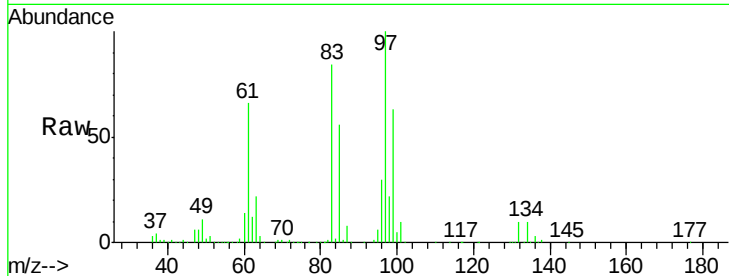
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	107461
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.4	101.2
85	55.8	43.5	65.3
99	63.4	51.8	77.8

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#56

Ethyl methacrylate

Concen: 50.716 ug/l

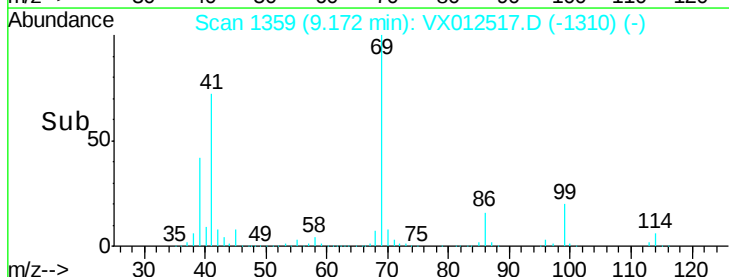
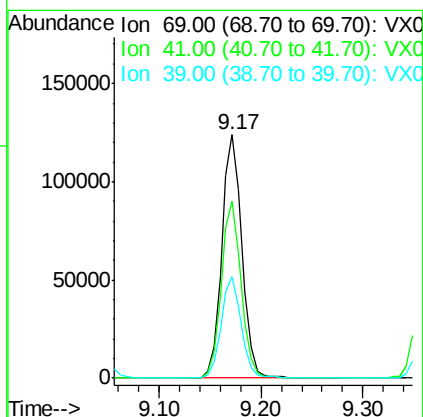
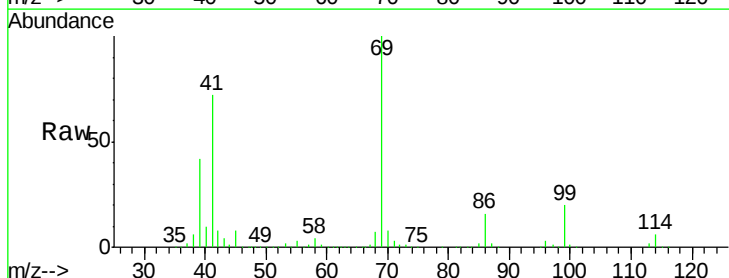
RT: 9.17 min Scan# 1359

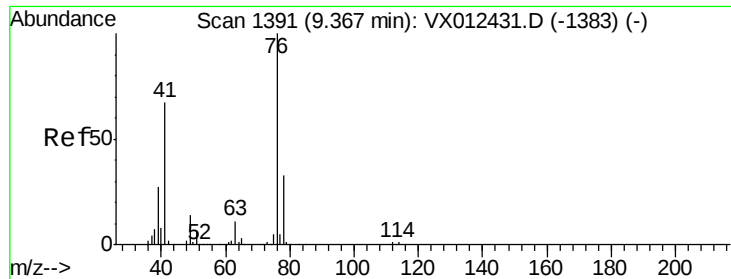
Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Tgt Ion:	69	Resp:	169430
Ion	Ratio	Lower	Upper
69	100		
41	71.8	58.4	87.6
39	41.6	33.4	50.0





#57

1,3-Dichloropropane

Concen: 51.523 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 175651

Ion Ratio Lower Upper

76 100

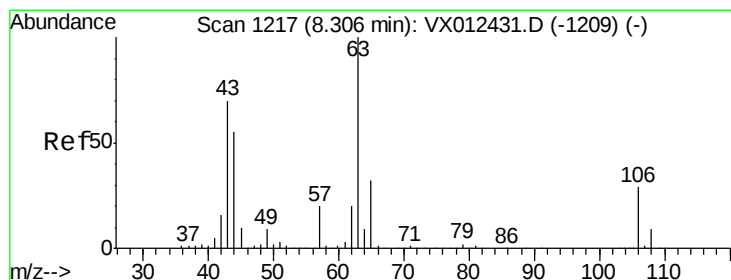
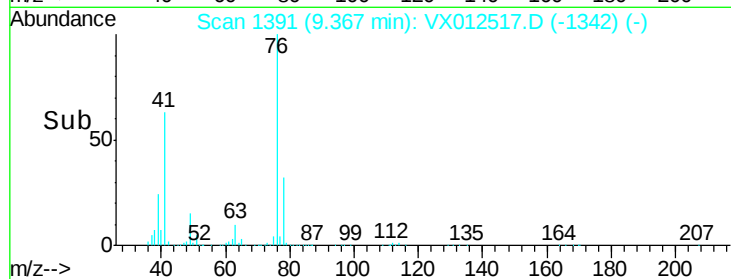
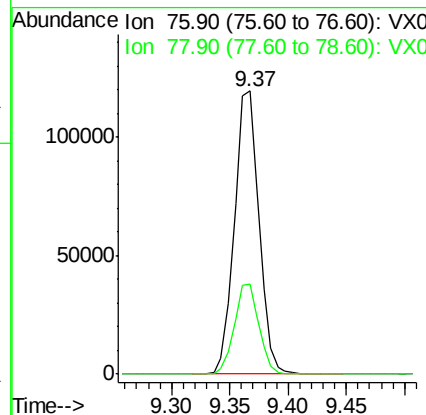
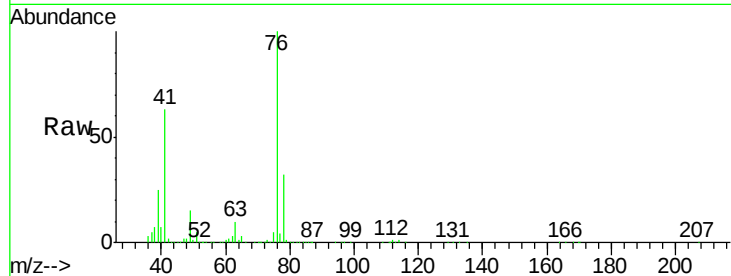
78 32.1 26.2 39.2

Manual Integrations

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9/20/2019 11:43:37 AM



#58

2-Chloroethyl Vinyl ether

Concen: 258.841 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012517.D

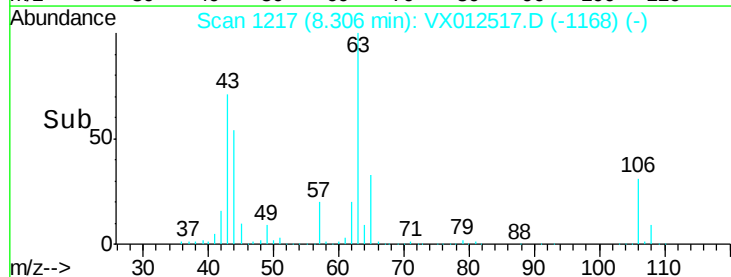
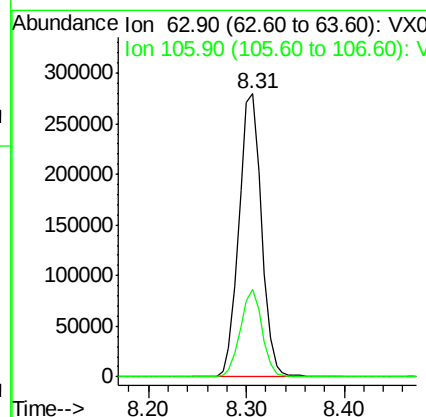
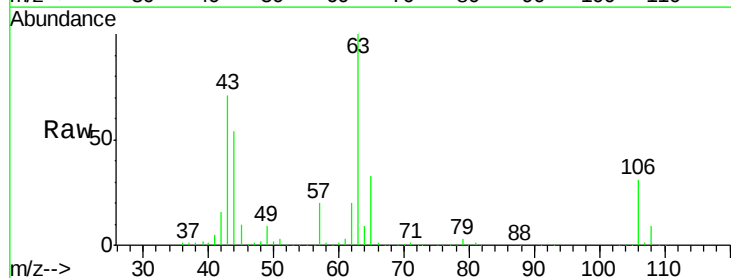
Acq: 19 Sep 2019 10:30

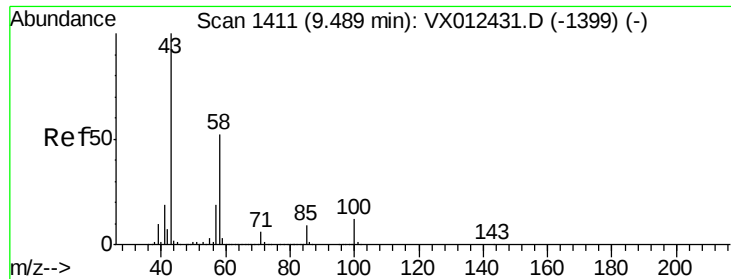
Tgt Ion: 63 Resp: 447613

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.6





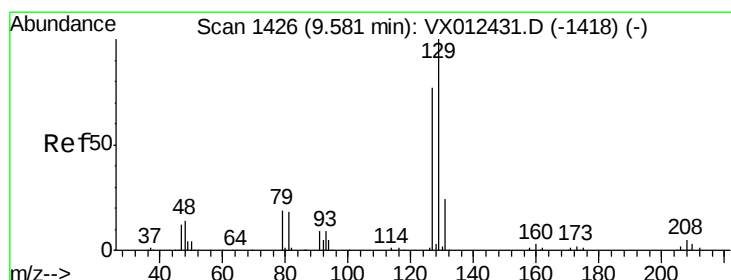
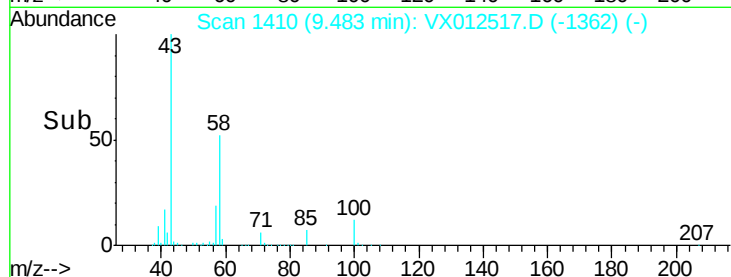
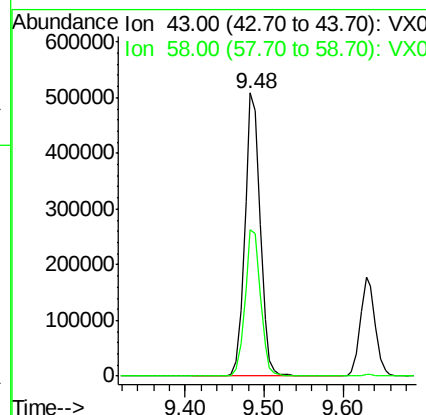
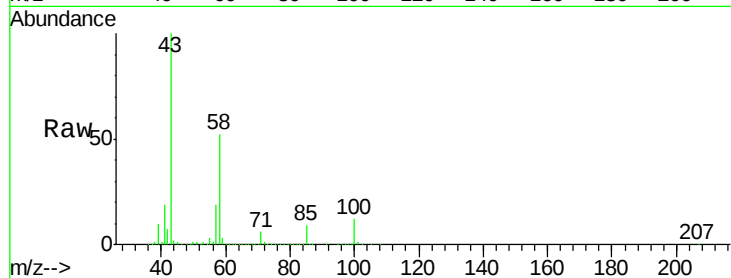
#59
2-Hexanone
Concen: 240.947 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 687419
Ion Ratio Lower Upper
43 100
58 52.2 25.7 77.1

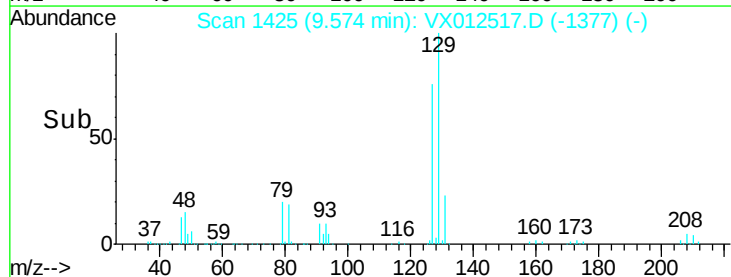
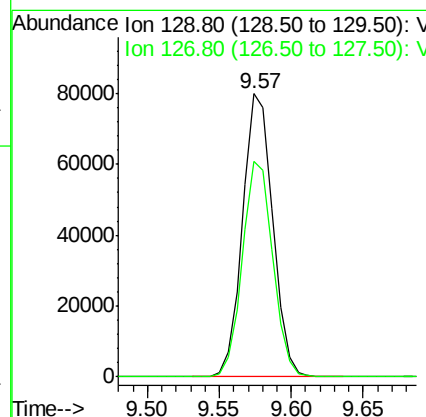
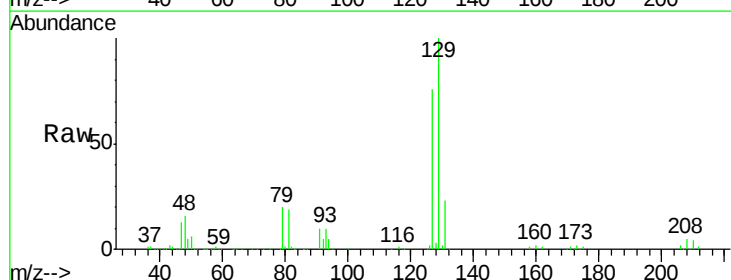
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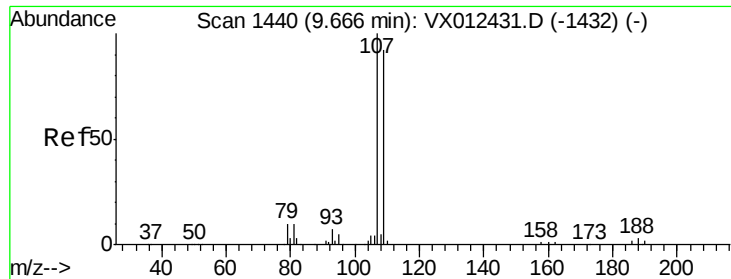
MMDadoda
9/20/2019 11:43:37 AM



#60
Dibromochloromethane
Concen: 53.412 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion: 129 Resp: 116250
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 53.029 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 103485

Ion Ratio Lower Upper

107 100

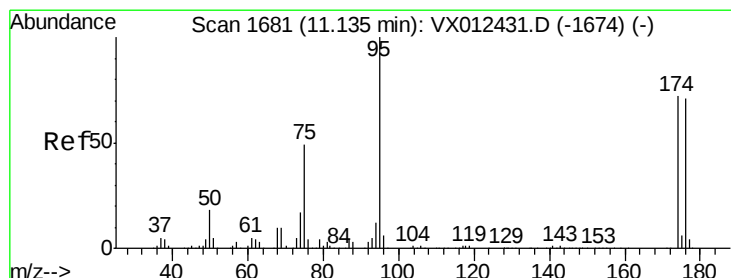
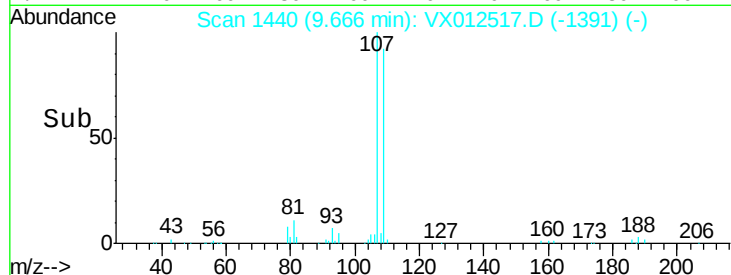
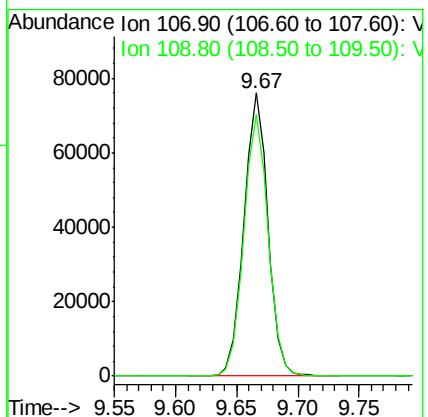
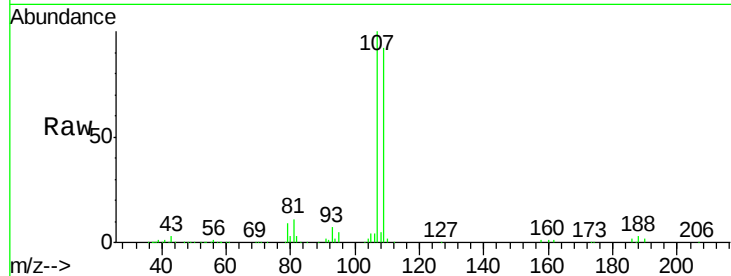
109 94.2 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 53.622 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

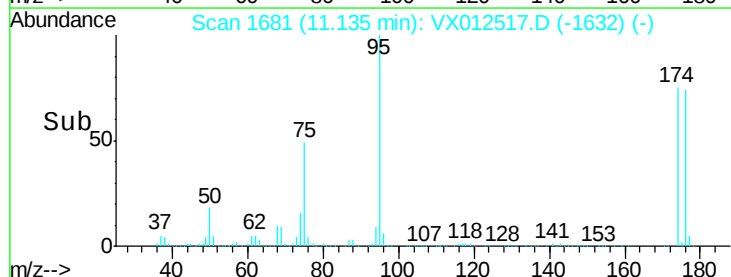
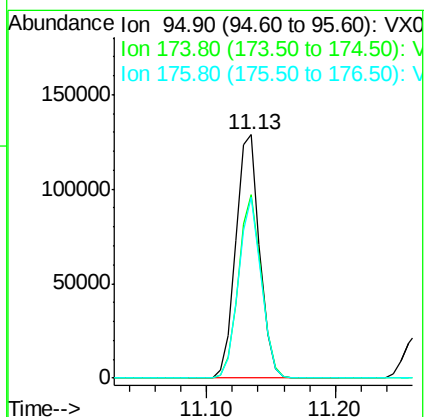
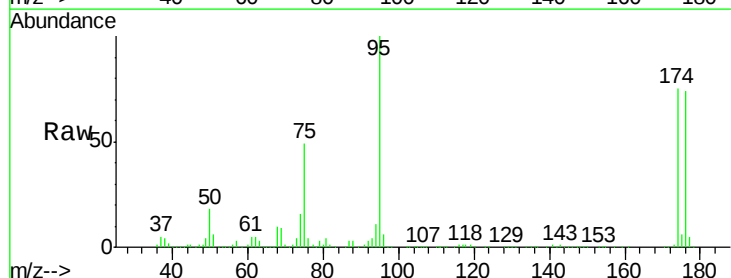
Tgt Ion: 95 Resp: 166116

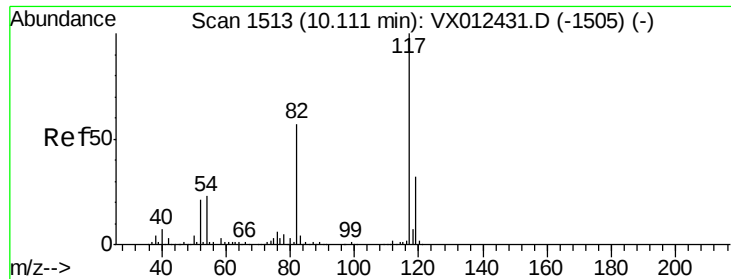
Ion Ratio Lower Upper

95 100

174 72.2 0.0 140.0

176 70.5 0.0 135.4





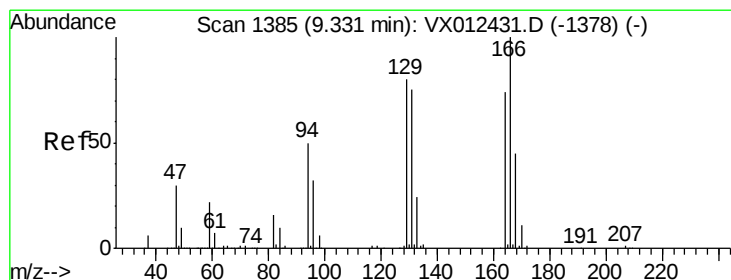
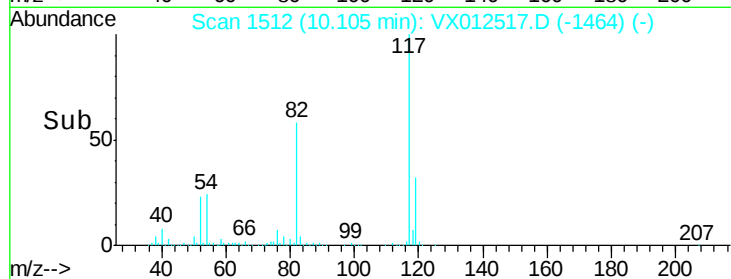
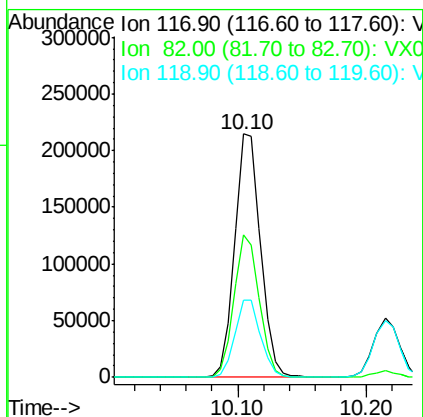
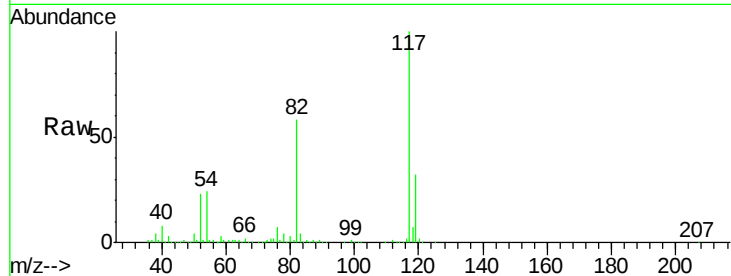
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	300807		
82	58.4	45.9	68.9	
119	31.6	25.3	37.9	

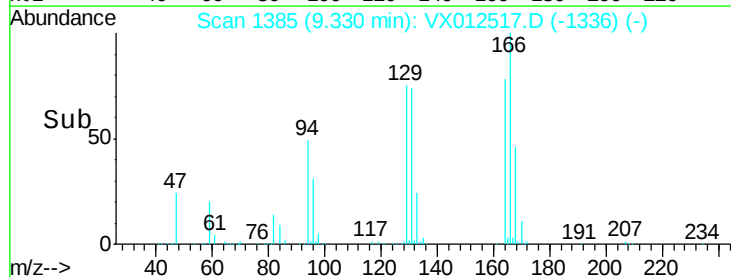
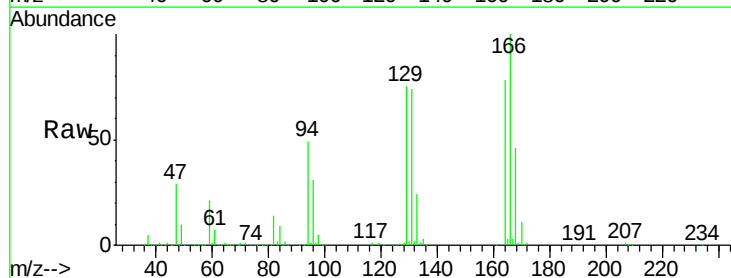
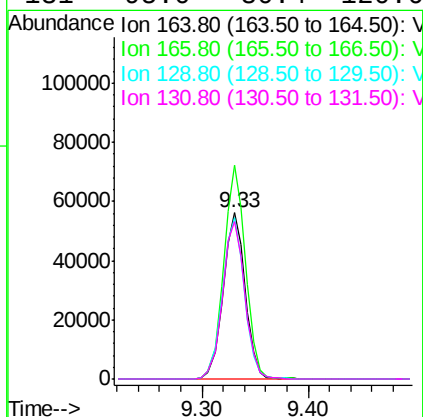
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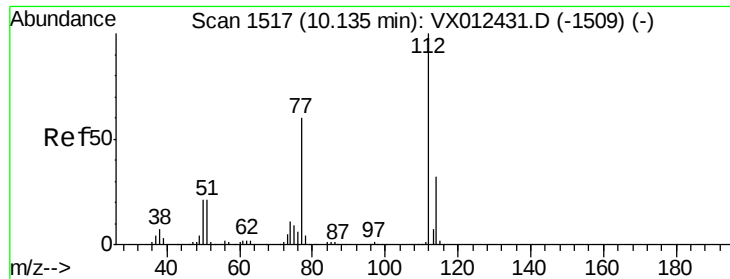
MMDadoda
9/20/2019 11:43:37 AM



#64
Tetrachloroethene
Concen: 58.535 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	80685		
166	128.4	107.8	161.6	
129	96.9	86.2	129.2	
131	95.0	80.4	120.6	





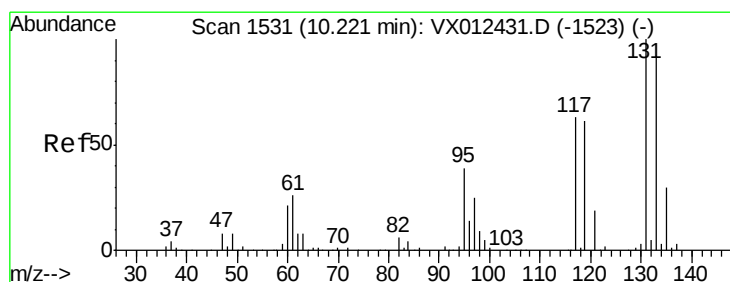
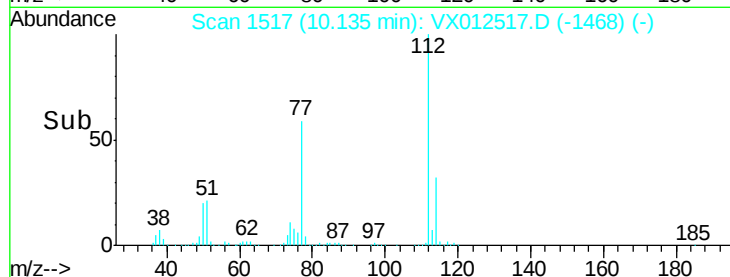
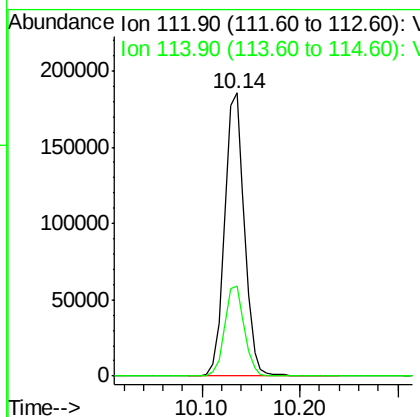
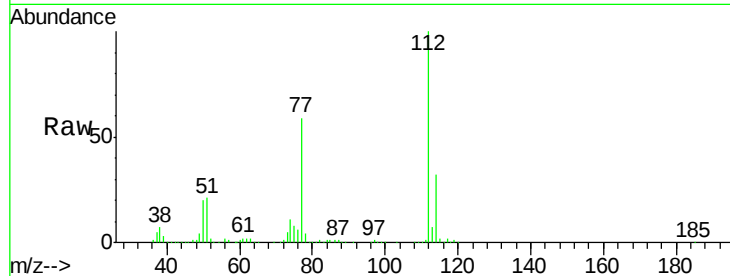
#65
Chlorobenzene
Concen: 51.998 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 258160
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

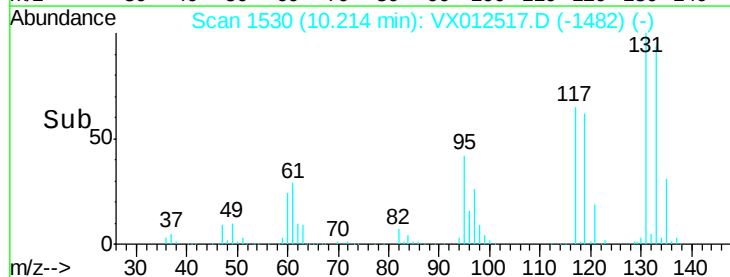
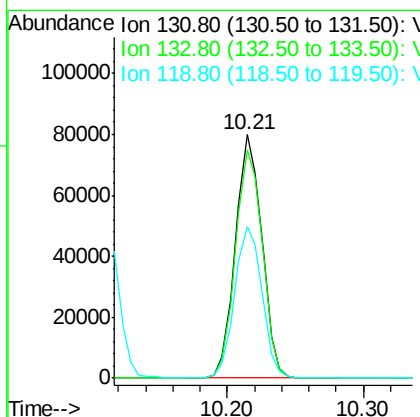
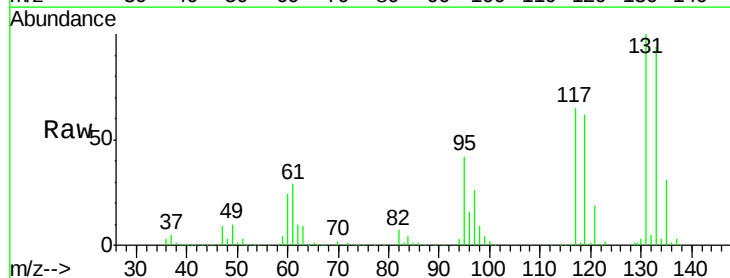
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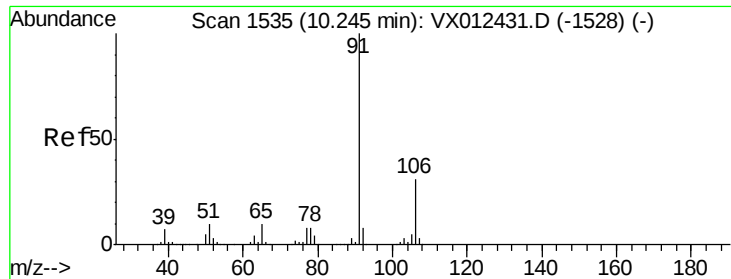
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.544 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion:131 Resp: 108268
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 64.0 31.3 93.8





#67

Ethyl Benzene

Concen: 52.837 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 450690

Ion Ratio Lower Upper

91 100

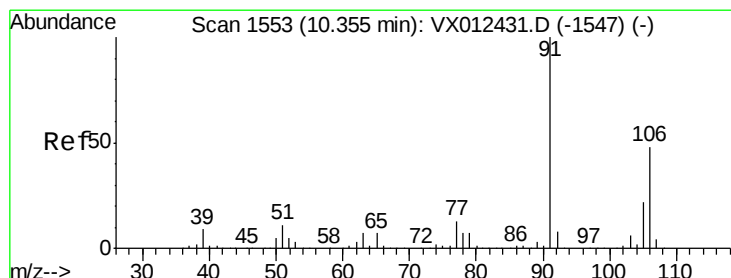
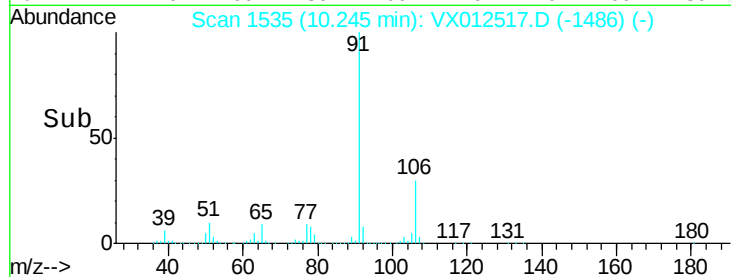
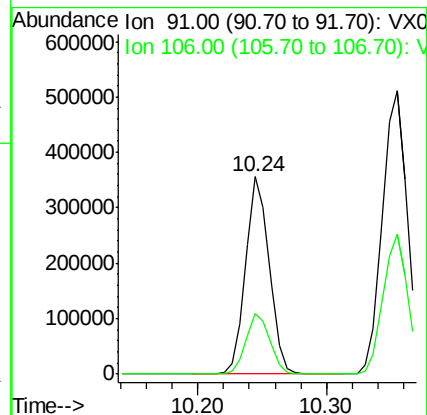
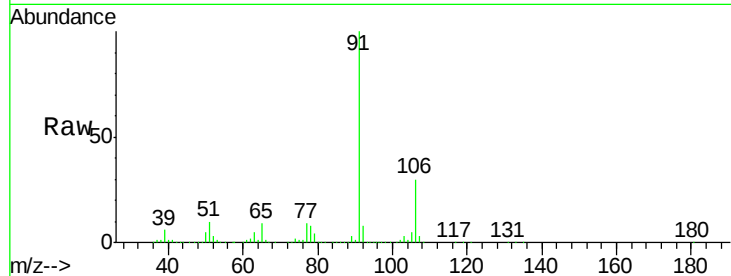
106 30.5 24.6 37.0

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#68

m/p-Xylenes

Concen: 107.545 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012517.D

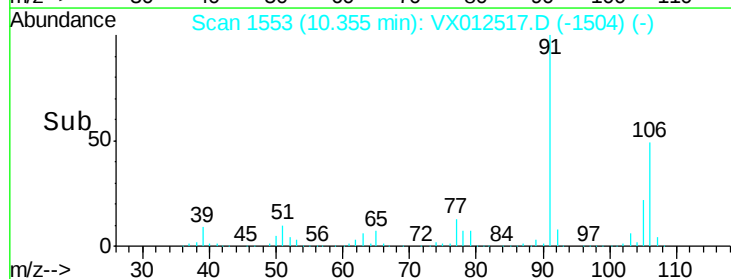
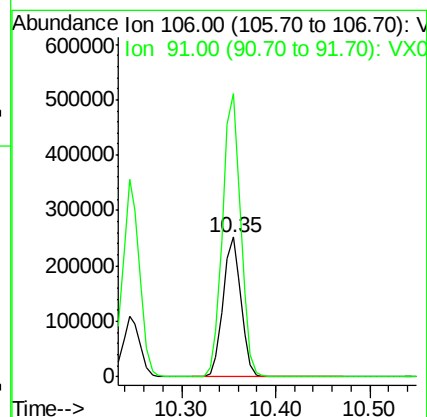
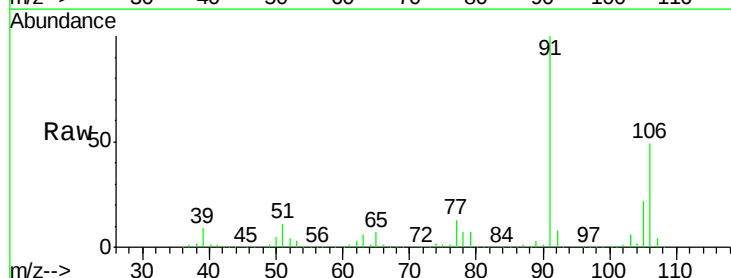
Acq: 19 Sep 2019 10:30

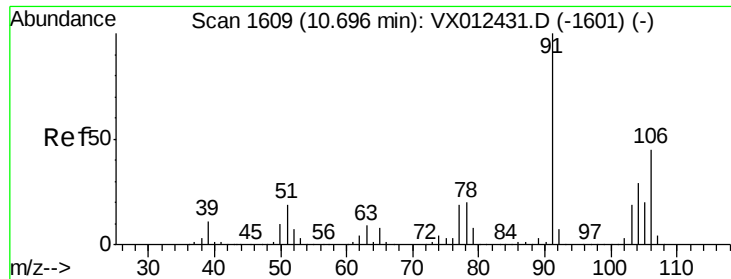
Tgt Ion: 106 Resp: 333775

Ion Ratio Lower Upper

106 100

91 204.9 166.6 250.0





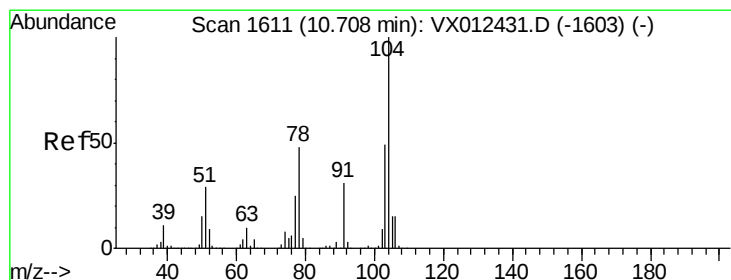
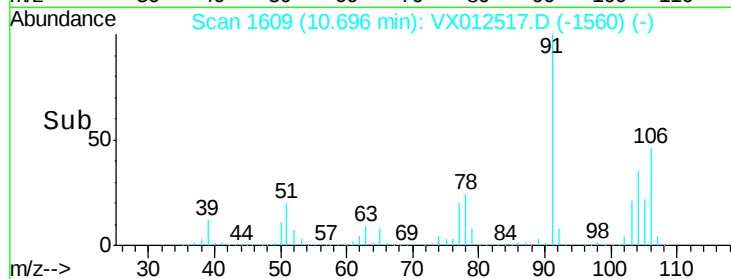
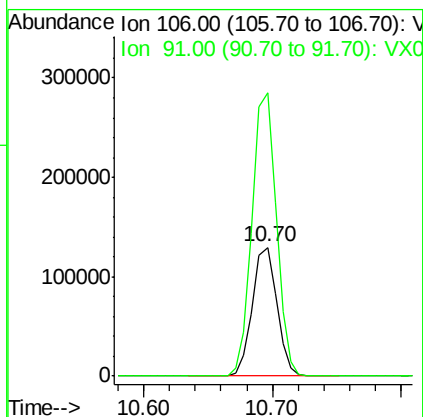
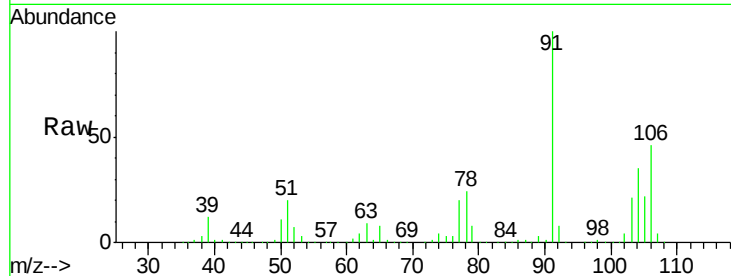
#69
o-Xylene
Concen: 53.244 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 169941
Ion Ratio Lower Upper
106 100
91 217.5 109.4 328.2

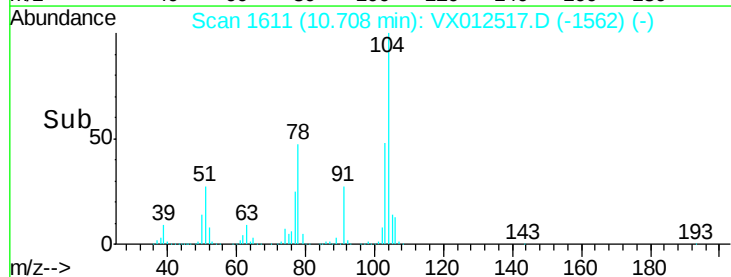
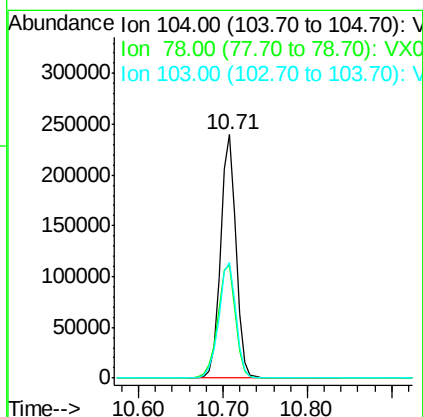
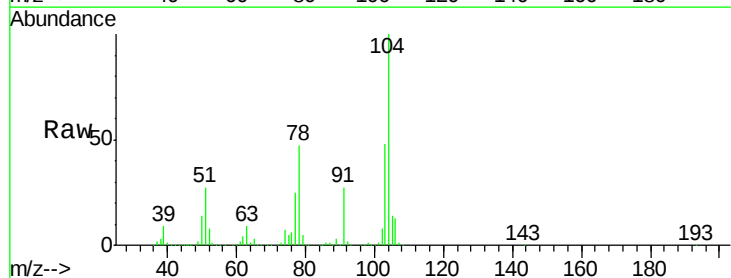
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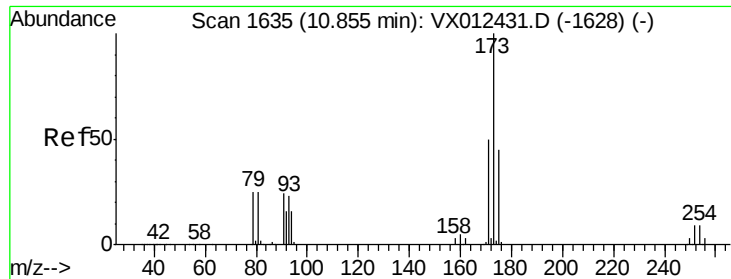
MMDadoda
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#70
Styrene
Concen: 53.969 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion:104 Resp: 304772
Ion Ratio Lower Upper
104 100
78 53.1 43.4 65.2
103 53.0 43.3 64.9





#71

Bromoform

Concen: 46.372 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 81878

Ion Ratio Lower Upper

173 100

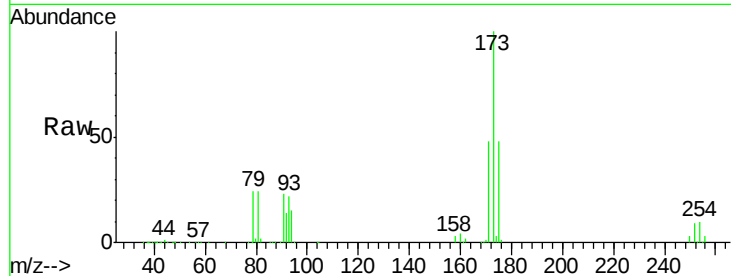
175 48.1 23.7 71.1

254 0.1 0.1 0.1#

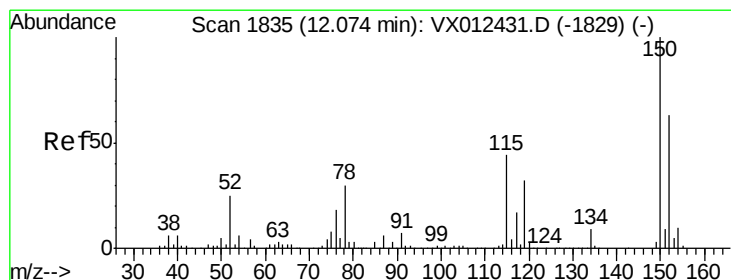
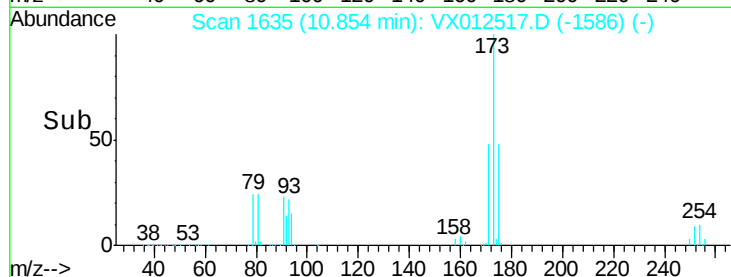
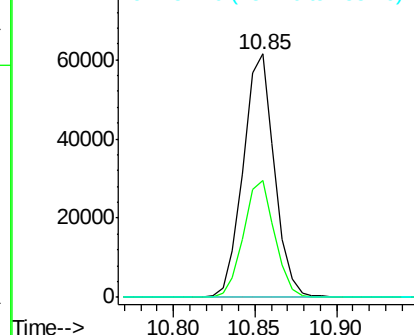
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

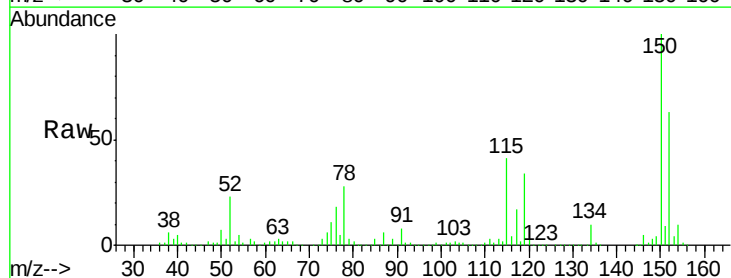
Tgt Ion:152 Resp: 148206

Ion Ratio Lower Upper

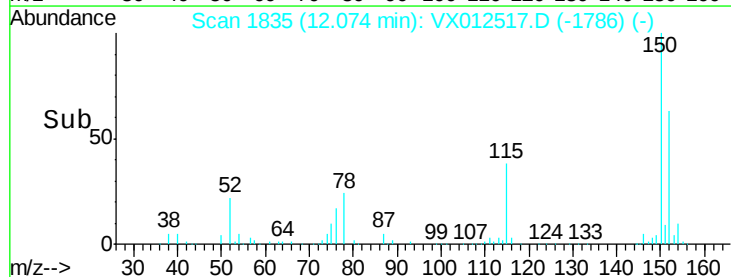
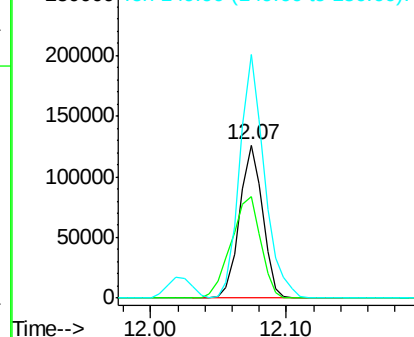
152 100

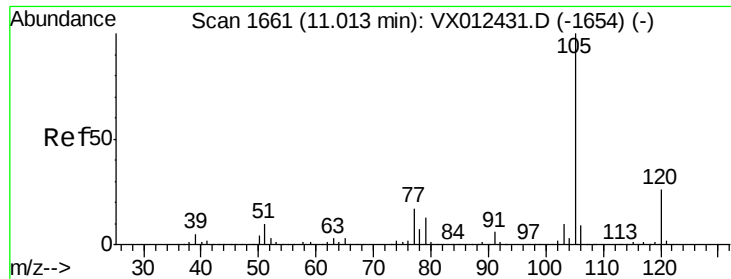
115 85.5 44.1 132.3

150 172.4 0.0 343.8



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





#73

Isopropylbenzene

Concen: 51.563 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 479485

Ion Ratio Lower Upper

105 100

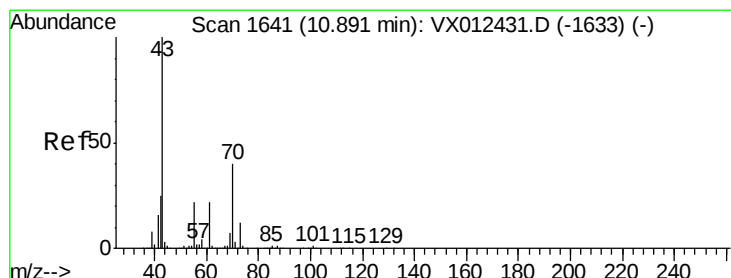
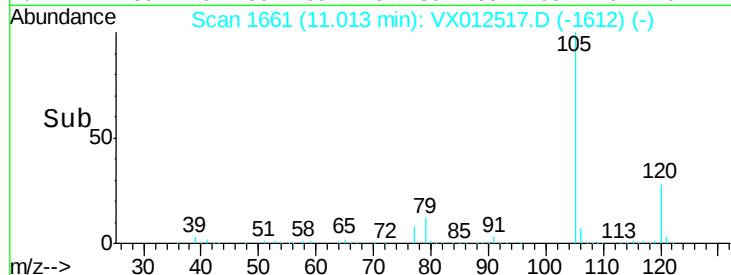
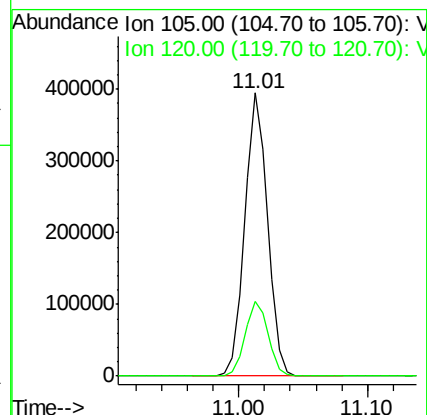
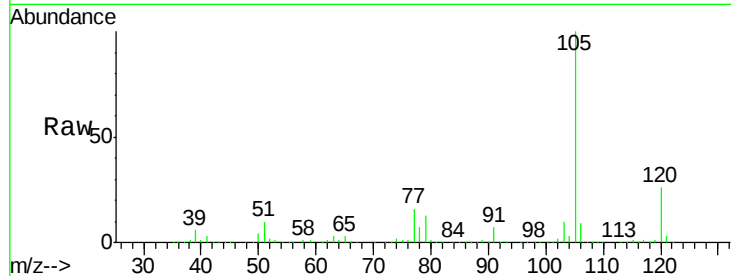
120 26.6 12.9 38.7

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#74

N-ethyl acetate

Concen: 49.069 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Tgt Ion: 43 Resp: 245664

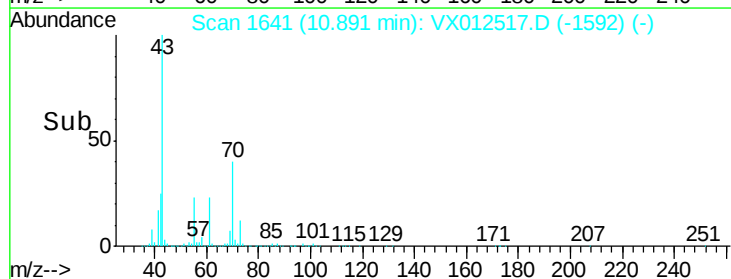
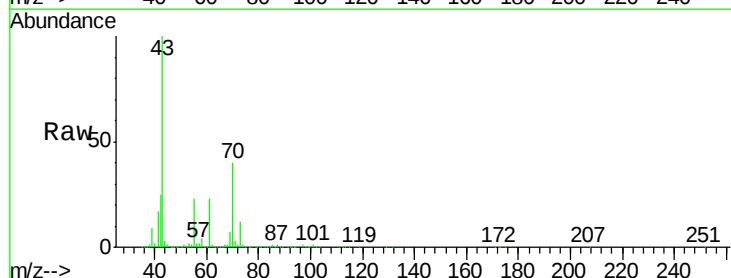
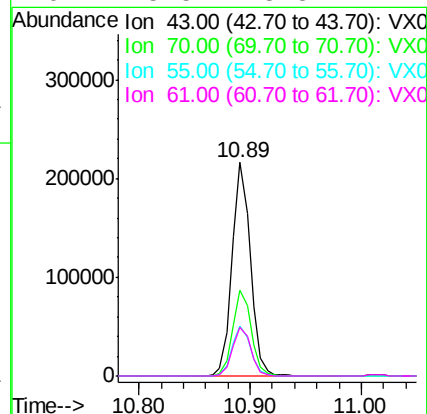
Ion Ratio Lower Upper

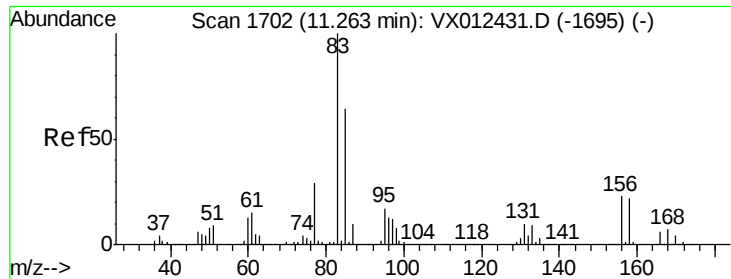
43 100

70 40.9 32.4 48.6

55 23.9 18.2 27.4

61 23.5 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.401 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

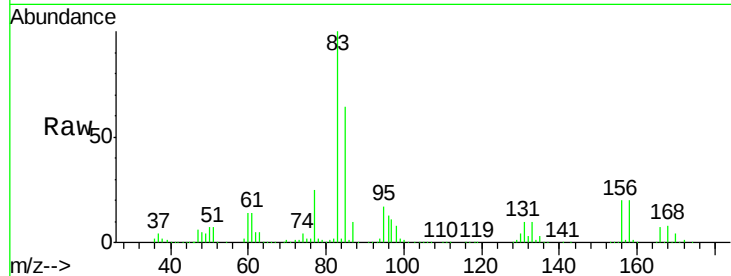
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	176557
Ion Ratio		Lower	Upper
83	100		
131	10.7	5.2	15.6
85	63.3	32.0	96.0

Manual Integrations
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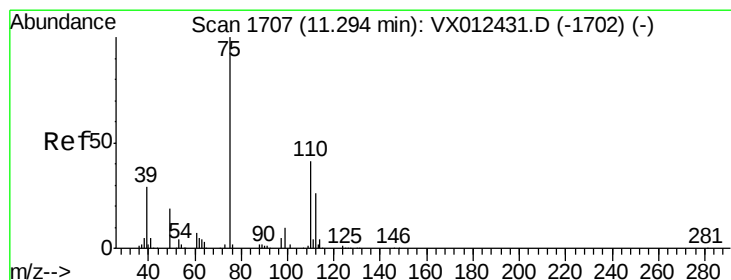
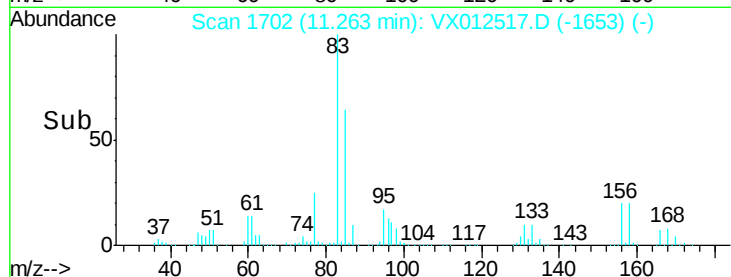
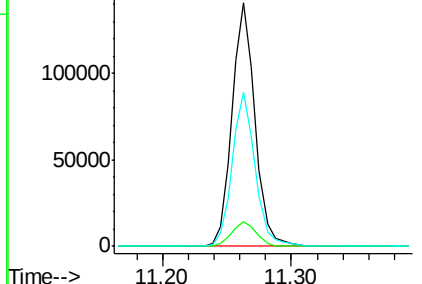
MMDadoda
9/20/2019 11:43:37 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 42.514 ug/l m

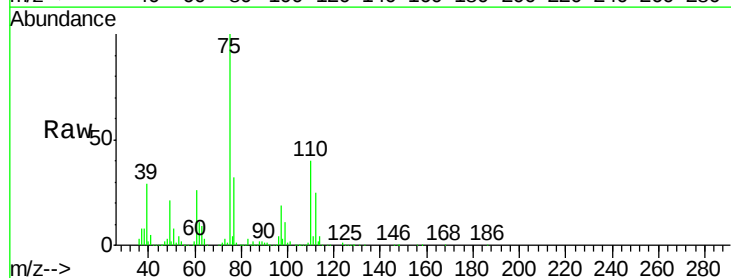
RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012517.D

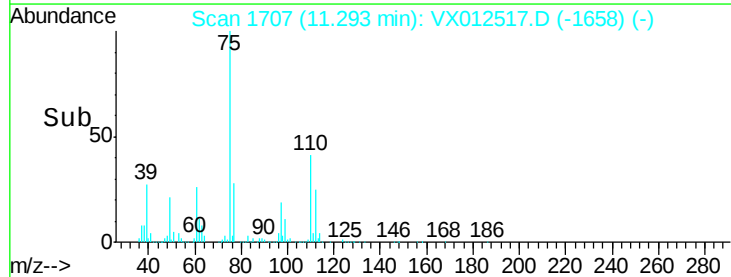
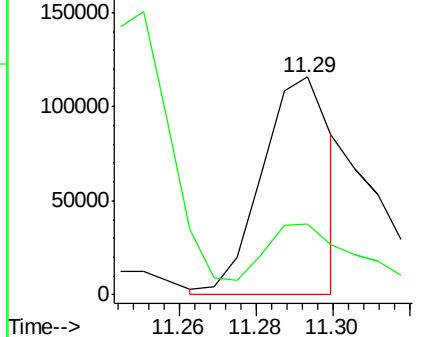
Acq: 19 Sep 2019 10:30

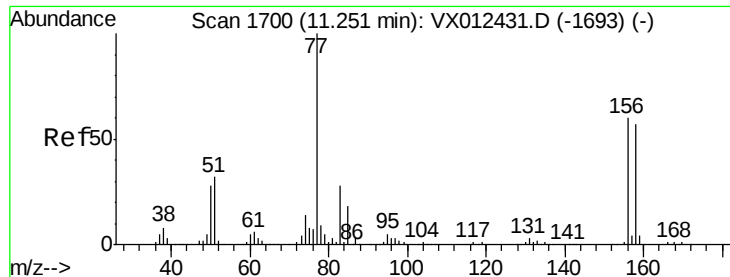
Tgt Ion:	75	Resp:	144735
Ion Ratio		Lower	Upper
75	100		
77	44.2	19.7	59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





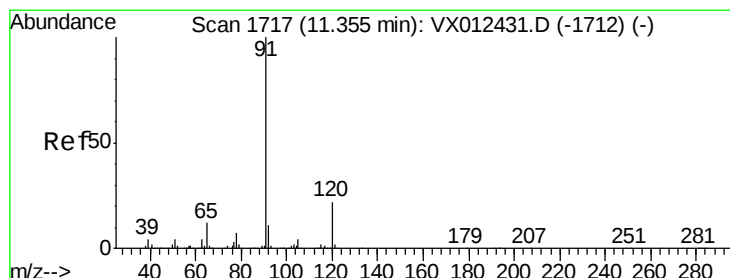
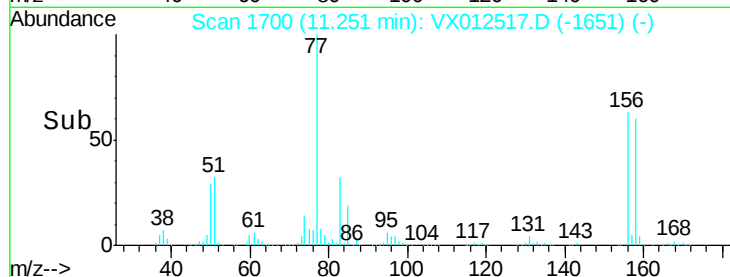
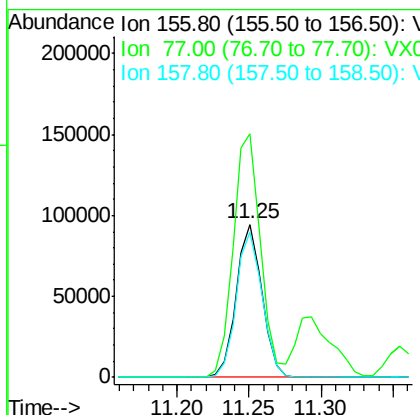
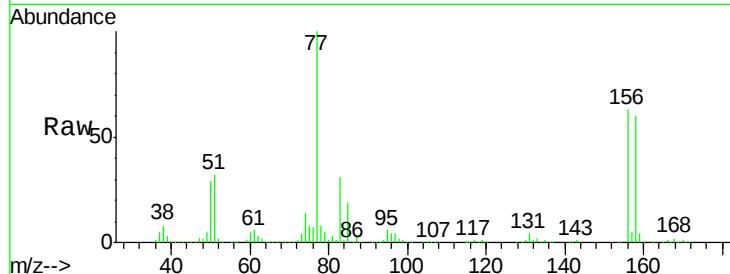
#77
Bromobenzene
Concen: 51.810 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	171.4	87.3	261.8
158	96.5	48.5	145.6

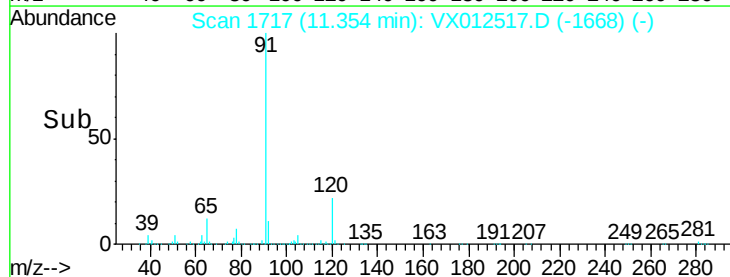
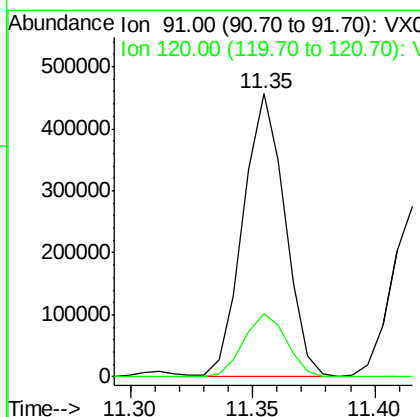
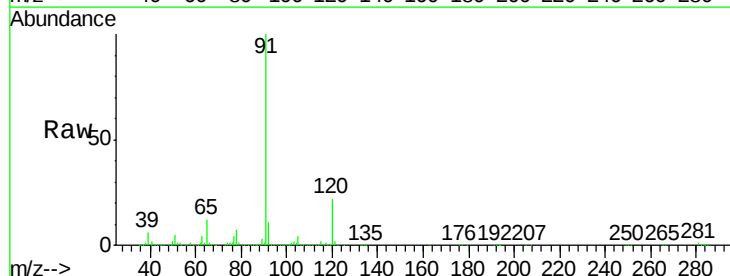
Manual Integrations
APPROVED

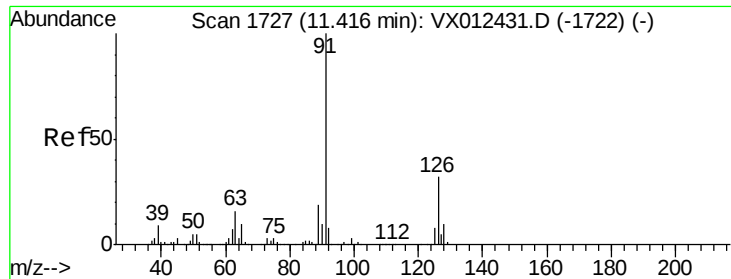
MMDadoda
9/20/2019 11:43:37 AM



#78
n-propylbenzene
Concen: 52.314 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.3	33.8





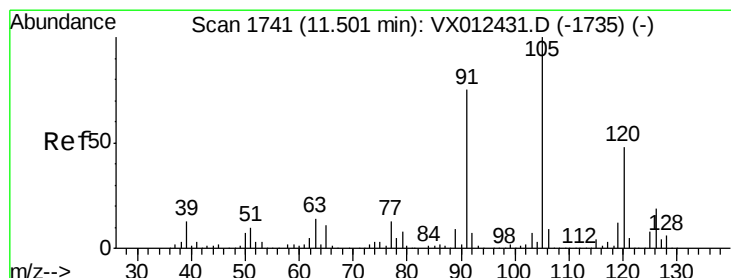
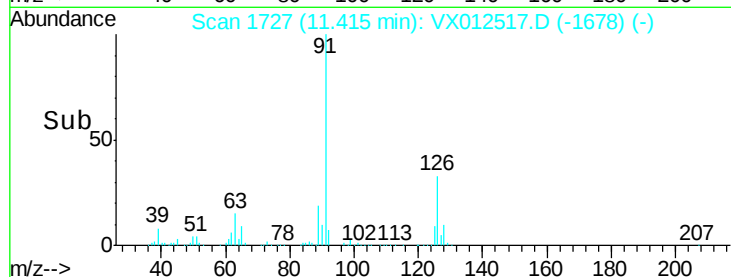
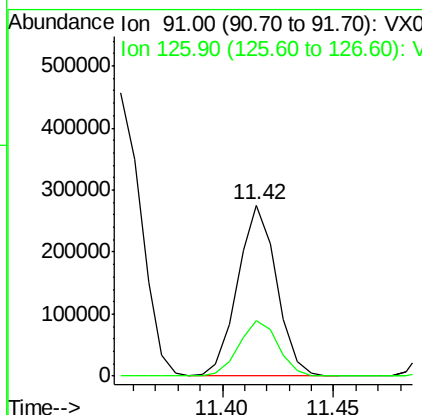
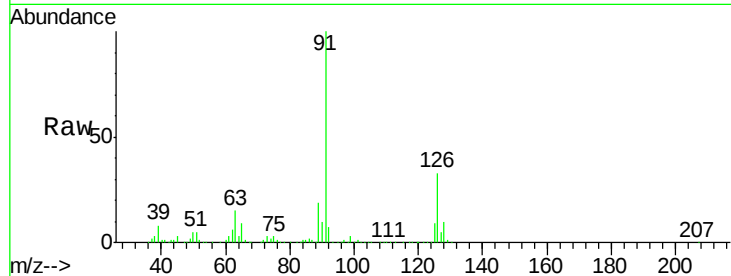
#79
 2-Chlorotoluene
 Concen: 49.605 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 334460
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.4

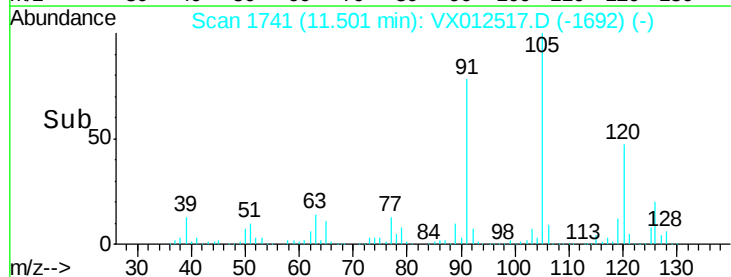
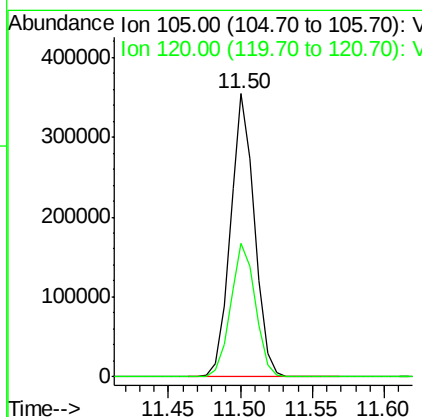
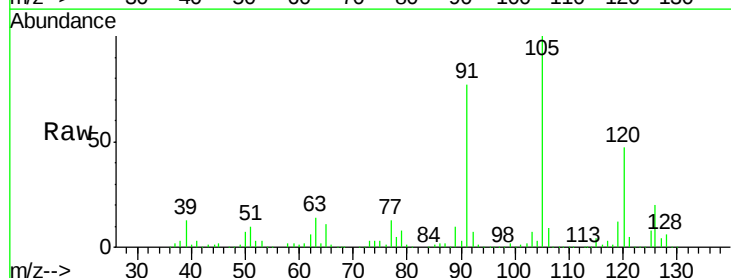
Manual Integrations
 APPROVED

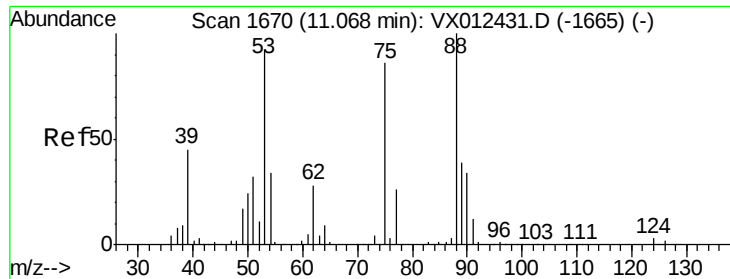
MMDadoda
 9/20/2019 11:43:37 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.002 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Tgt Ion: 105 Resp: 412407
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.8





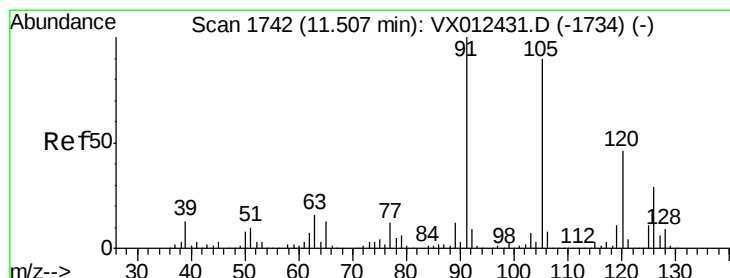
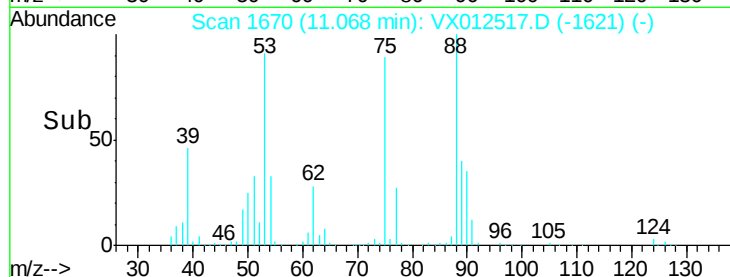
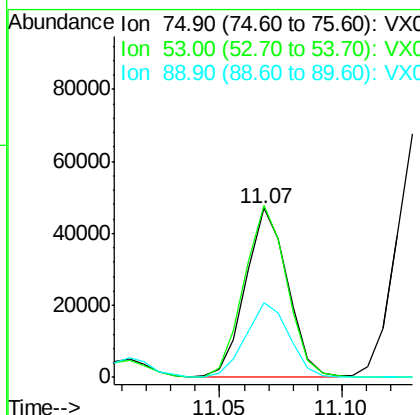
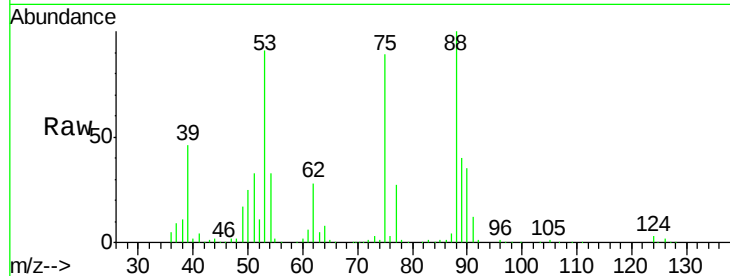
#81
trans-1,4-Dichloro-2-butene
Concen: 45.684 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	83.6	125.4
89	46.1	36.3	54.5

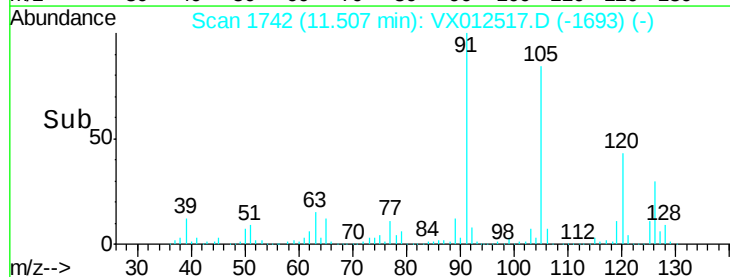
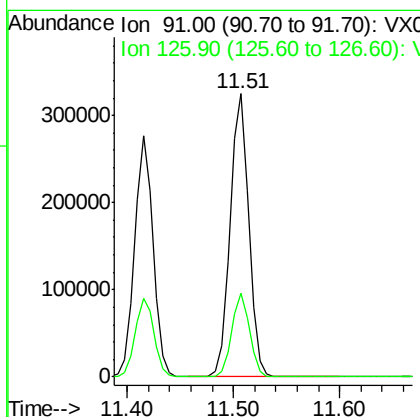
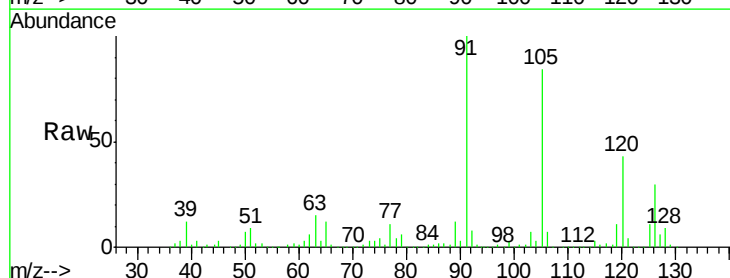
Manual Integrations
APPROVED

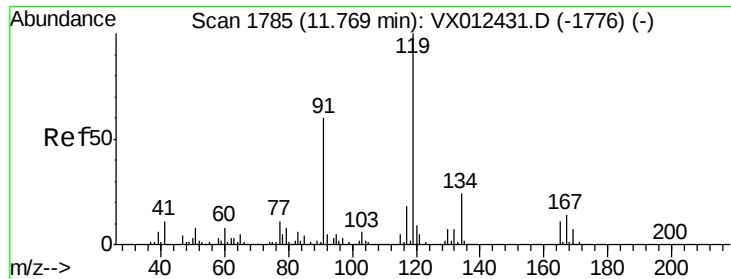
MMDadoda
9/20/2019 11:43:37 AM



#82
4-Chlorotoluene
Concen: 51.733 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.4	43.0





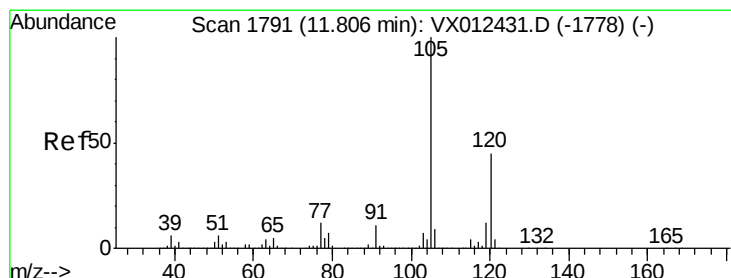
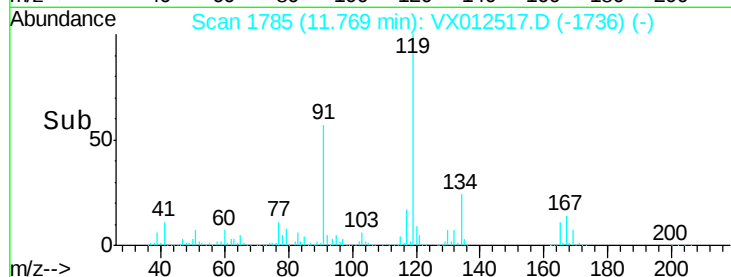
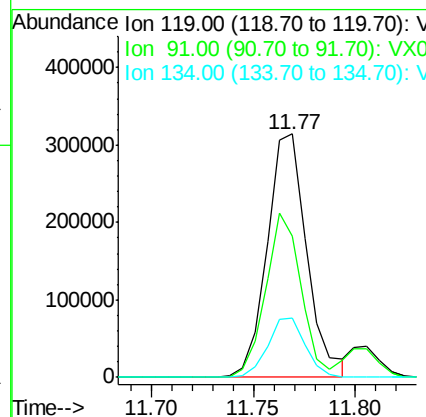
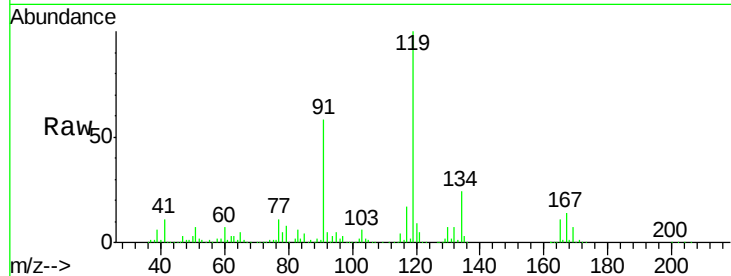
#83
tert-Butylbenzene
Concen: 50.317 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	427590		
91	59.9	30.0	90.0	
134	23.0	11.3	33.9	

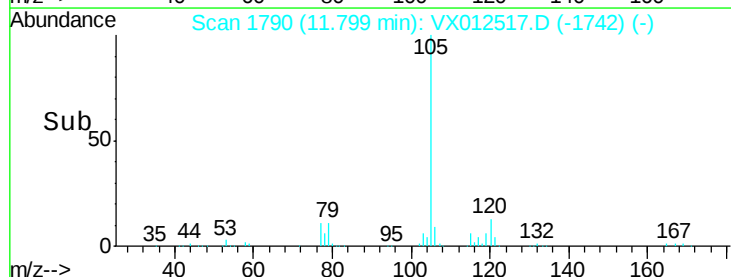
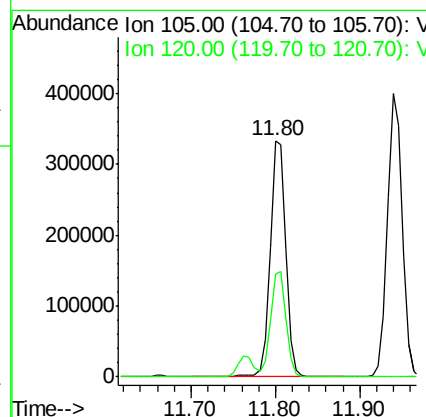
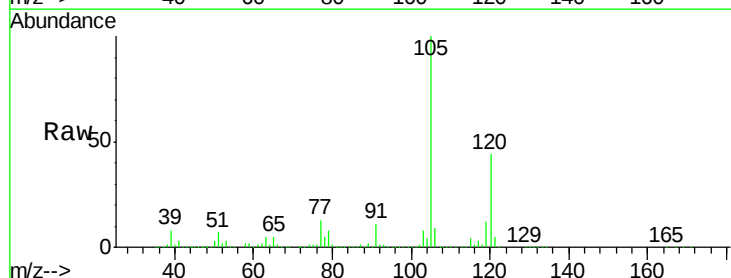
Manual Integrations
APPROVED

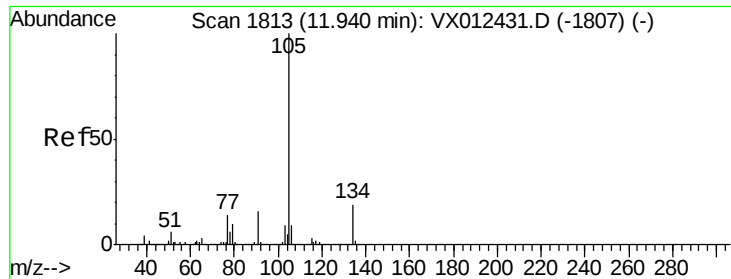
MMDadoda
9/20/2019 11:43:37 AM



#84
1,2,4-Trimethylbenzene
Concen: 52.211 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	425146		
120	44.0	22.2	66.6	





#85

sec-Butylbenzene

Concen: 52.256 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 489329

Ion Ratio Lower Upper

105 100

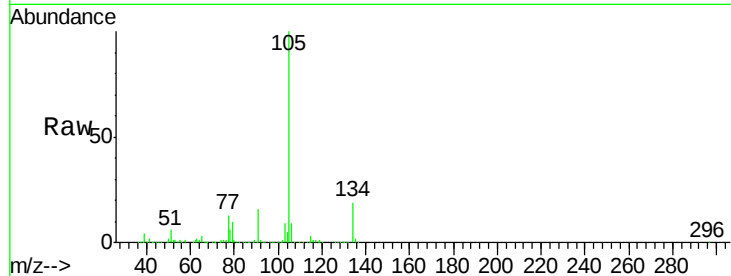
134 20.3 9.8 29.4

Manual Integrations

APPROVED

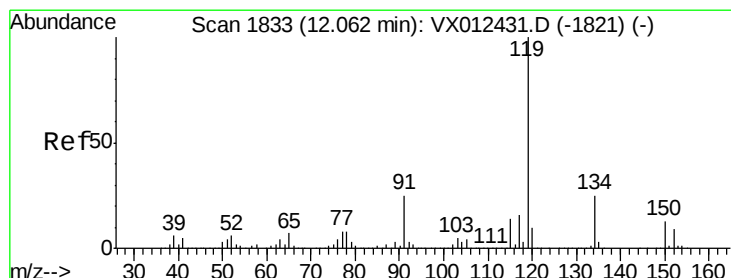
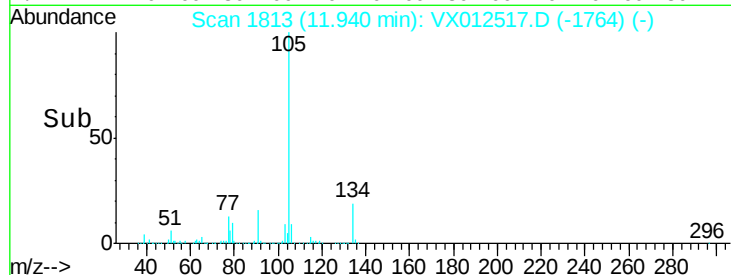
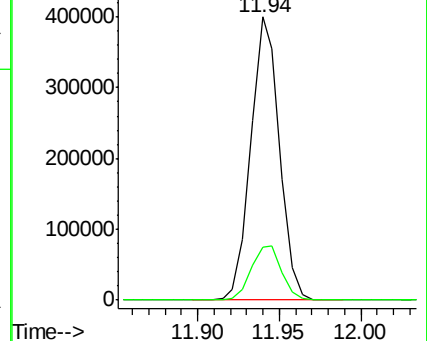
MMDadoda

9/20/2019 11:43:37 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.153 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012517.D

Acq: 19 Sep 2019 10:30

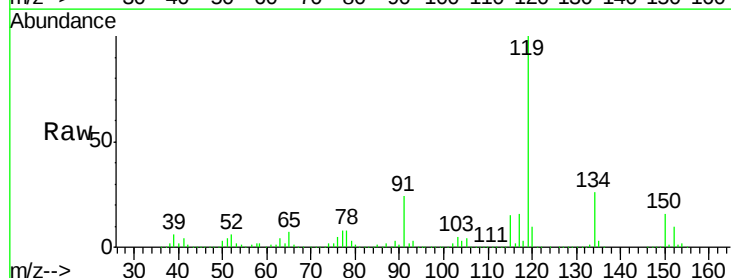
Tgt Ion:119 Resp: 457040

Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

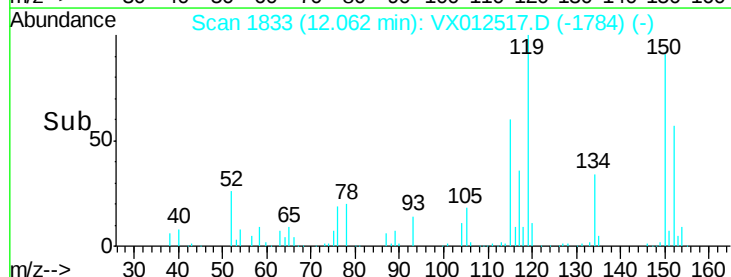
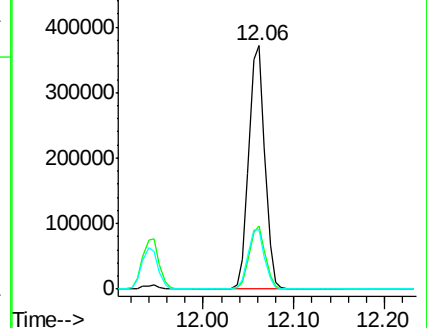
91 25.2 12.8 38.4

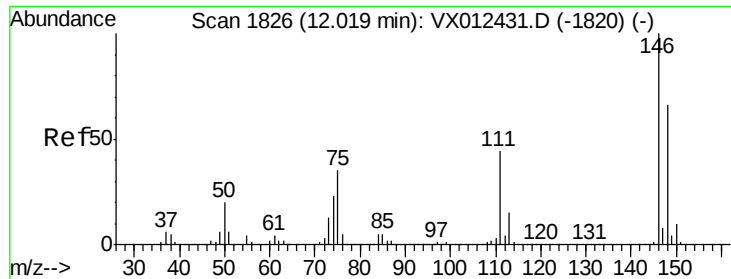


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





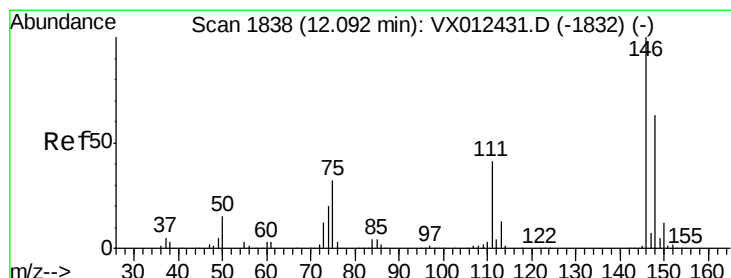
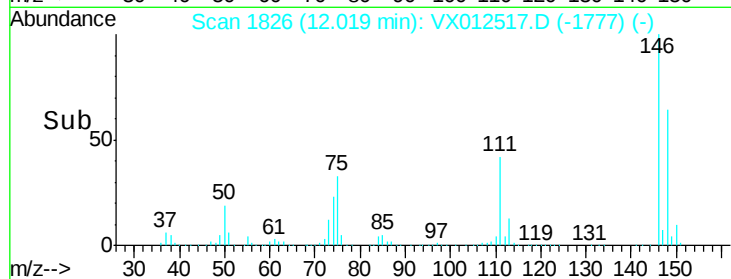
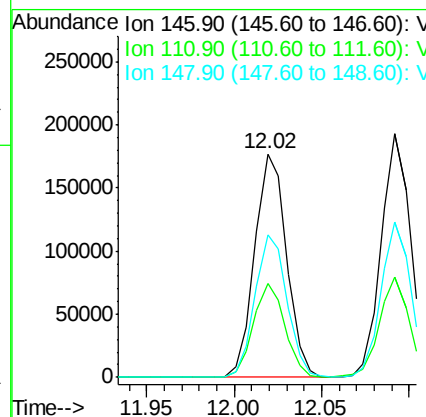
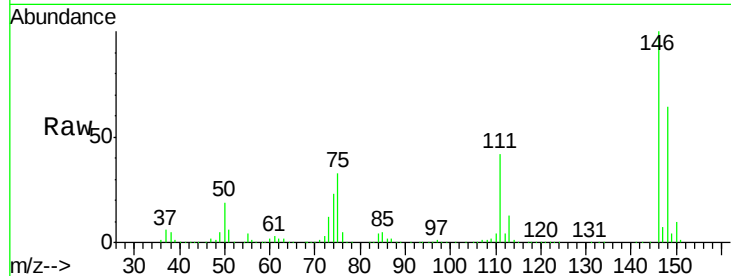
#87
 1,3-Dichlorobenzene
 Concen: 52.641 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.3	64.0
148	64.2	32.4	97.2

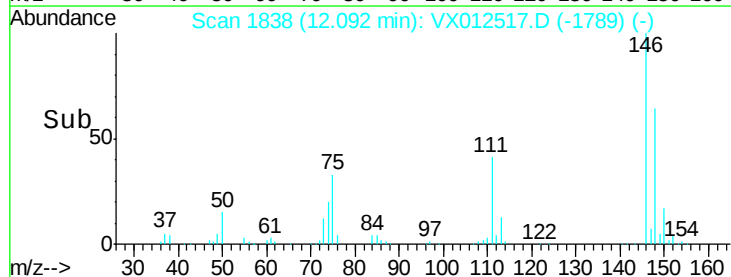
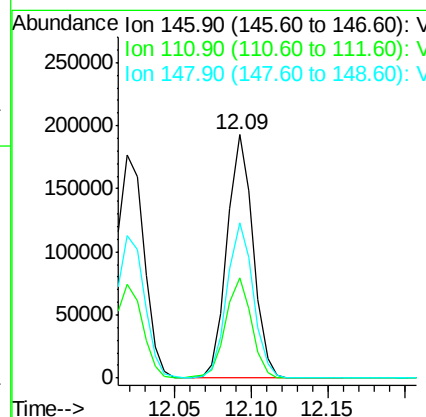
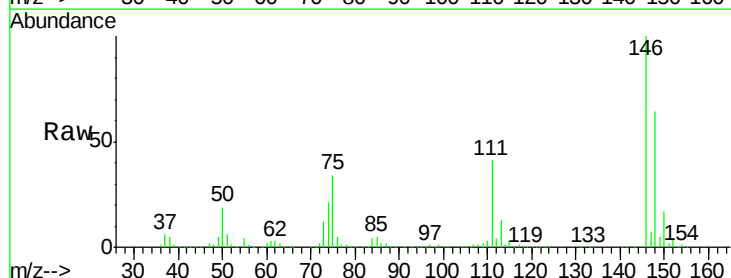
Manual Integrations
 APPROVED

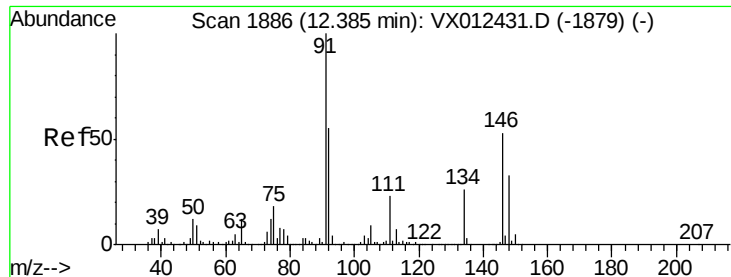
MMDadoda
 9/20/2019 11:43:37 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.798 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.1	63.3
148	64.3	32.1	96.5





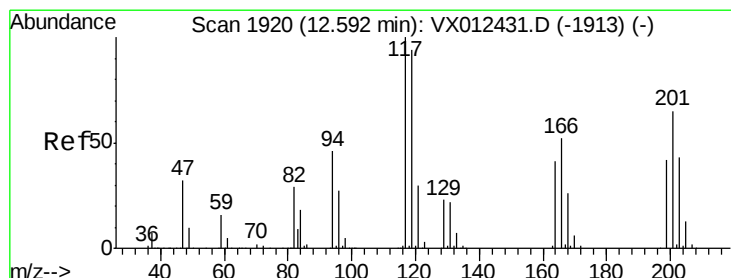
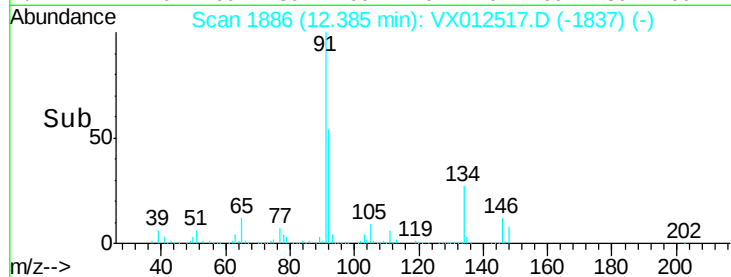
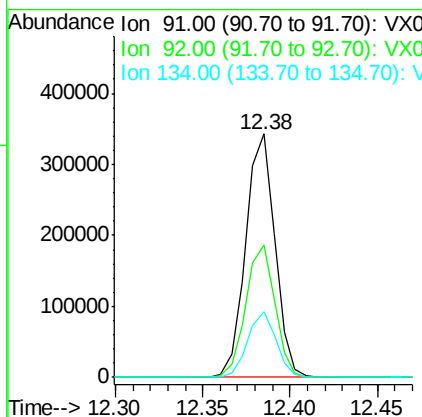
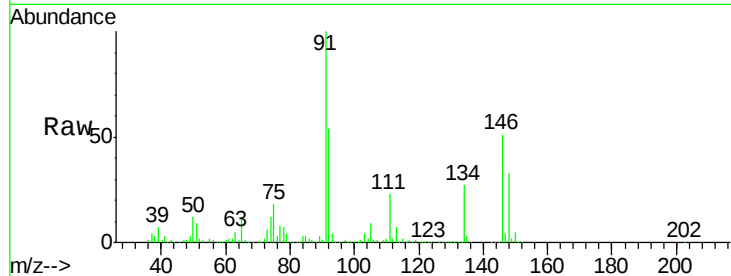
#89
n-Butylbenzene
Concen: 52.014 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	399055		
92	54.4	27.7	83.0	
134	26.5	12.9	38.6	

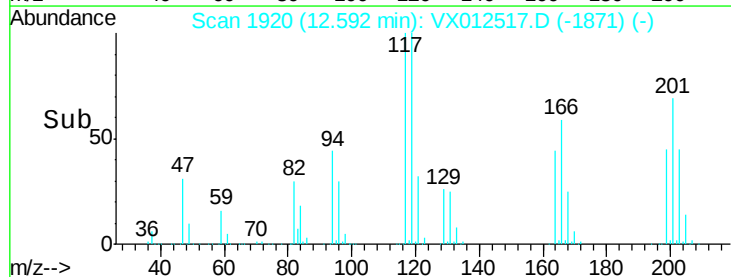
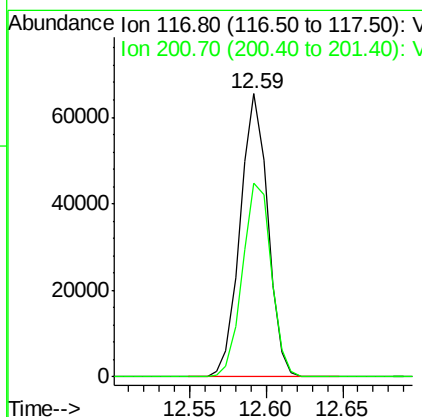
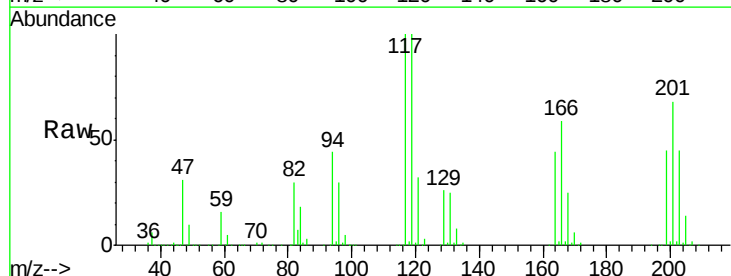
Manual Integrations
APPROVED

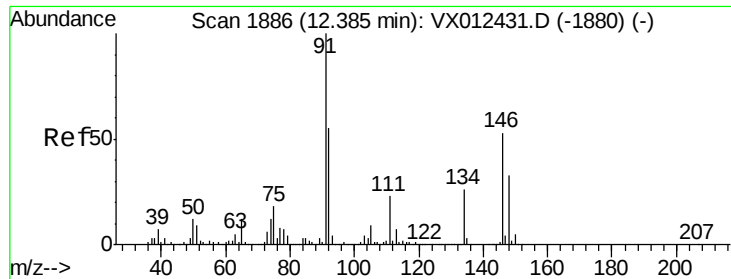
MMDadoda
9/20/2019 11:43:37 AM



#90
Hexachloroethane
Concen: 51.844 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	81740		
201	71.6	33.3	99.8	





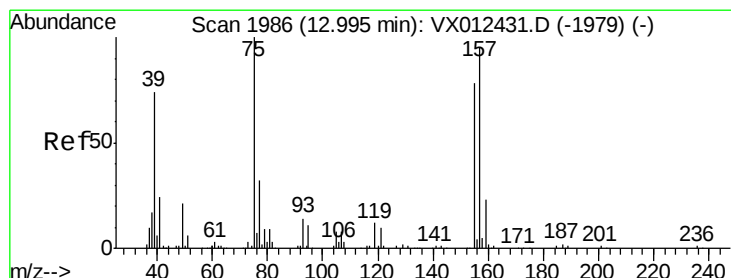
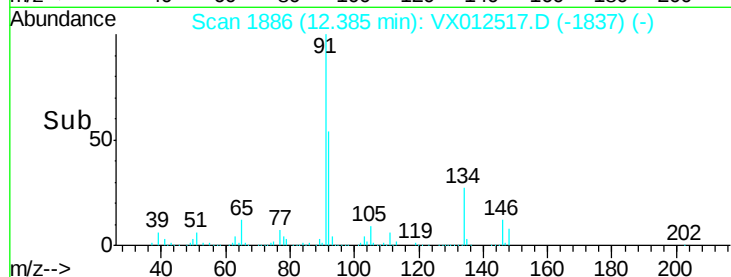
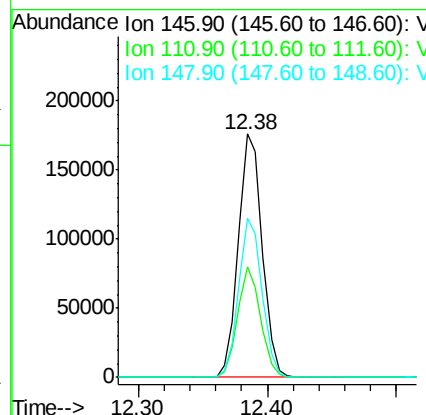
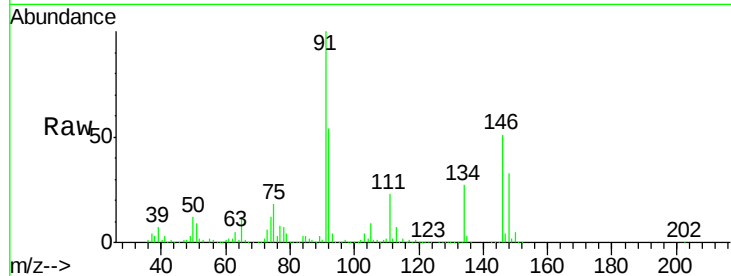
#91
 1,2-Dichlorobenzene
 Concen: 51.186 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	228226		
111	43.7	22.1	66.1	
148	64.0	31.3	93.9	

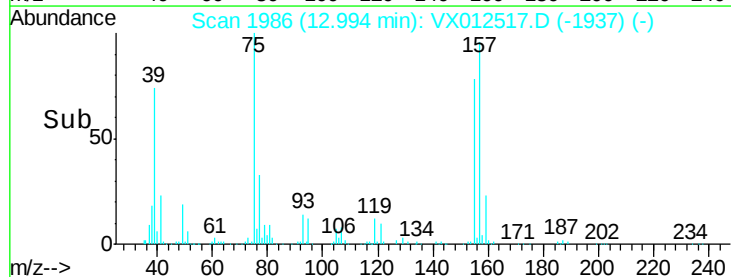
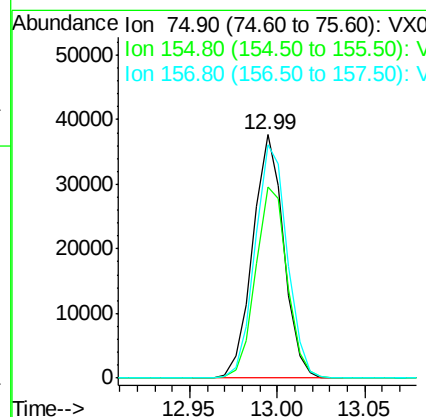
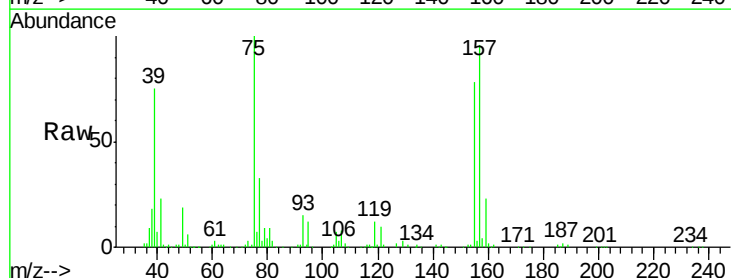
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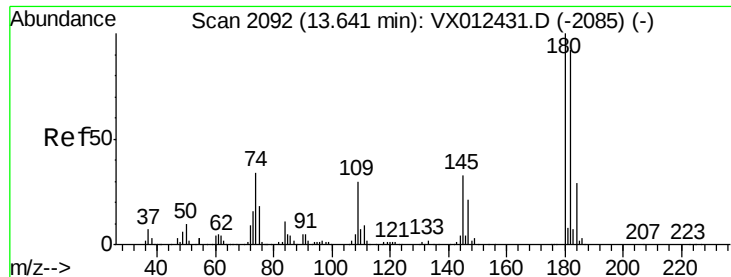
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.836 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	46185		
155	80.0	38.6	115.8	
157	100.0	50.6	151.9	





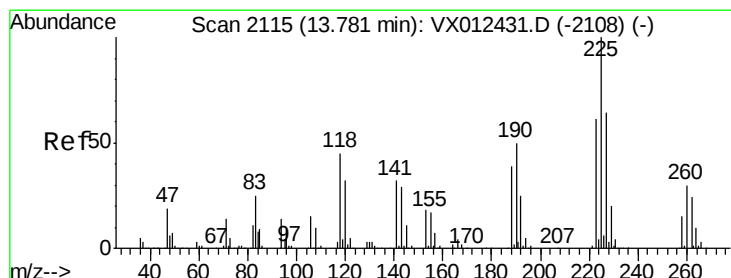
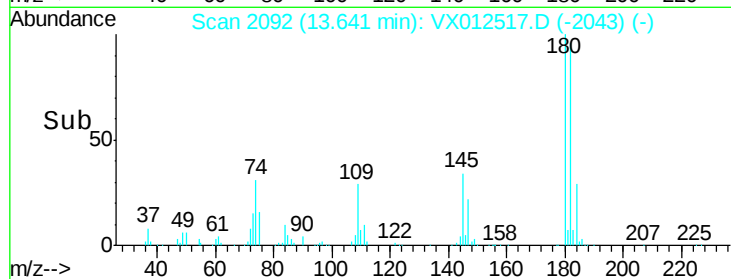
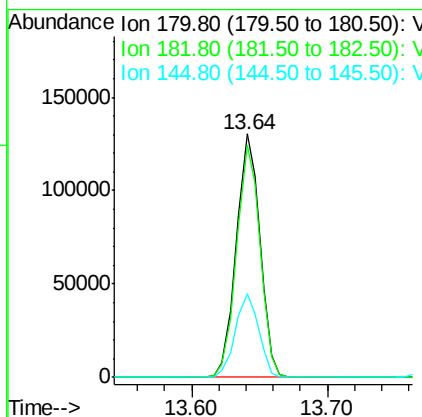
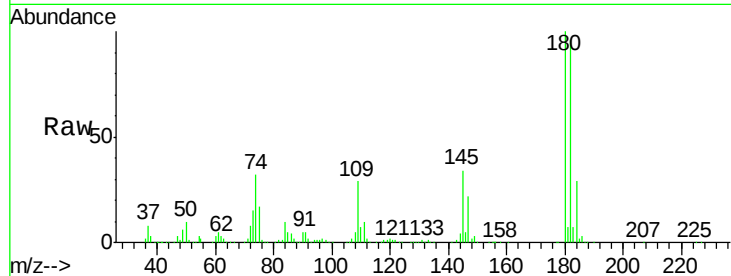
#93
 1,2,4-Trichlorobenzene
 Concen: 54.890 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	157644		
182	95.0	47.0	141.0	
145	34.1	16.8	50.4	

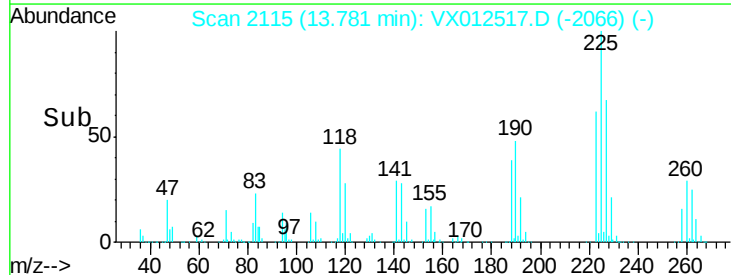
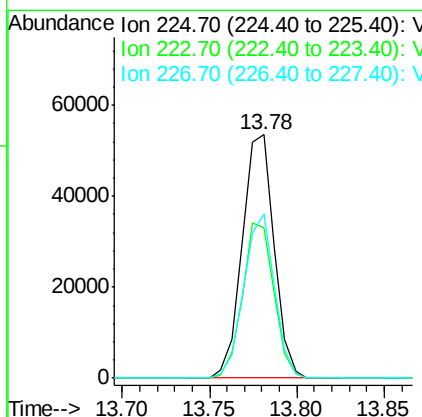
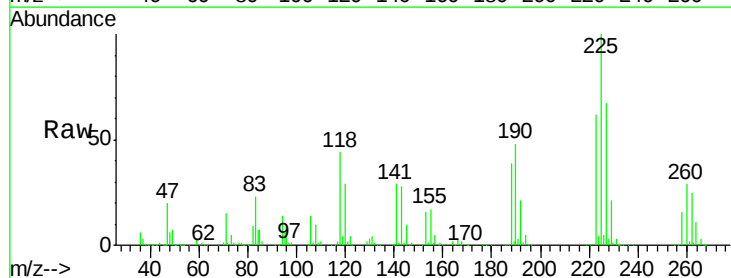
Manual Integrations
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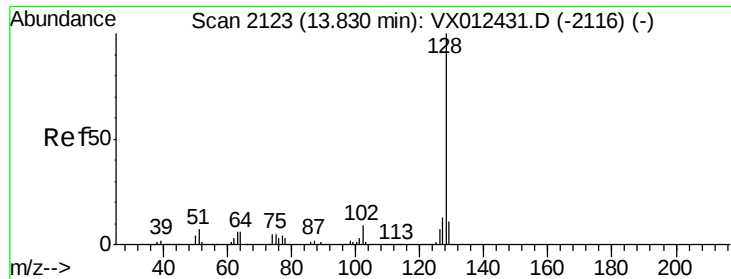
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 9/20/2019 11:43:37 AM



#94
 Hexachlorobutadiene
 Concen: 49.968 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012517.D
 Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67637		
223	63.1	32.0	96.2	
227	64.9	31.9	95.5	





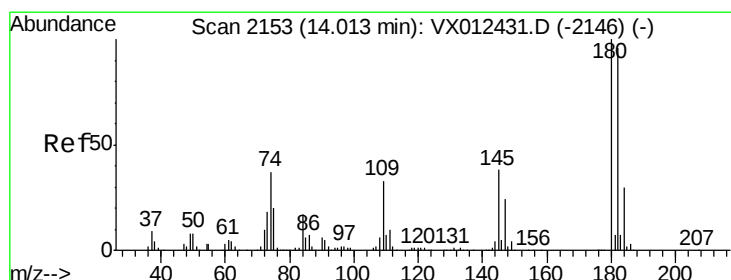
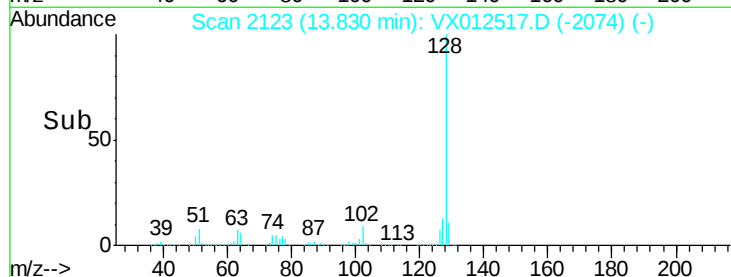
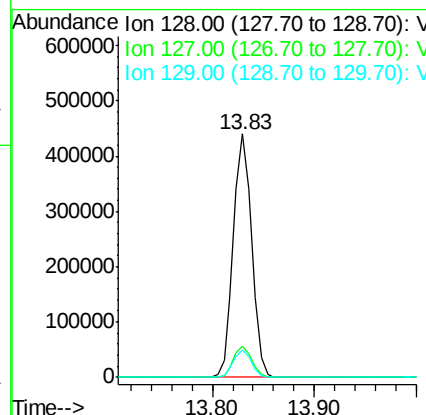
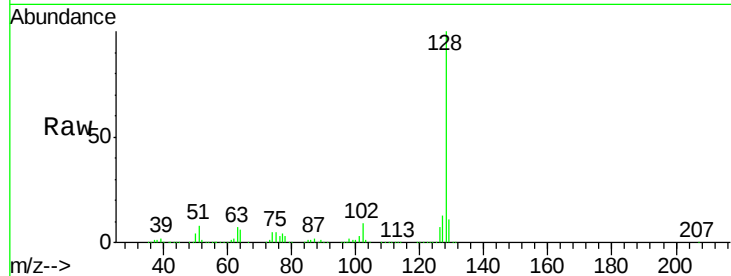
#95
Naphthalene
Concen: 53.349 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.724 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012517.D
Acq: 19 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.1	141.3
145	34.7	18.0	54.0

