

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090219\
 Data File : VX012015.D
 Acq On : 02 Sep 2019 14:42
 Operator : SY/SP
 Sample : VSTDIC150
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
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 9/3/2019 2:15:55 PM

Quant Time: Sep 03 05:02:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 04:42:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	400483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	526589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	501018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	492125	129.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	258.78%	
35) Dibromofluoromethane	5.48	113	487049	143.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.48%	
50) Toluene-d8	8.71	98	1750334	143.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.98%	
62) 4-Bromofluorobenzene	11.14	95	717783	135.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	270.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	361693	148.586	ug/l	97
3) Chloromethane	1.31	50	385142	140.463	ug/l	99
4) Vinyl Chloride	1.40	62	389745	147.291	ug/l	98
5) Bromomethane	1.62	94	248761	135.390	ug/l	100
6) Chloroethane	1.70	64	244012	148.379	ug/l	99
7) Trichlorofluoromethane	1.91	101	683611	147.955	ug/l	100
8) Diethyl Ether	2.17	74	207818	132.999	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	438787	145.992	ug/l	100
10) Methyl Iodide	2.50	142	550521	196.601	ug/l	99
11) Tert butyl alcohol	3.04	59	214889	601.998	ug/l	98
12) 1,1-Dichloroethene	2.36	96	408246	146.754	ug/l	98
13) Acrolein	2.28	56	68999	400.312	ug/l	93
14) Allyl chloride	2.71	41	687172	134.069	ug/l	99
15) Acrylonitrile	3.13	53	526339	622.895	ug/l	100
16) Acetone	2.44	43	478028	592.431	ug/l	98
17) Carbon Disulfide	2.55	76	1241198	155.152	ug/l	100
18) Methyl Acetate	2.76	43	265845	120.583	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1178847	132.817	ug/l	100
20) Methylene Chloride	2.84	84	464009	116.203	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	477389	146.015	ug/l	98
22) Diisopropyl ether	3.84	45	1359577	130.353	ug/l	93
23) Vinyl Acetate	3.80	43	4334173	647.302	ug/l	99
24) 1,1-Dichloroethane	3.68	63	793268	136.913	ug/l	99
25) 2-Butanone	4.66	43	718442	619.456	ug/l	99
26) 2,2-Dichloropropane	4.57	77	705177	142.839	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	545895	142.529	ug/l	100
28) Bromochloromethane	5.00	49	296205	115.976	ug/l	98
29) Tetrahydrofuran	5.11	42	450559	622.692	ug/l	99
30) Chloroform	5.20	83	864219	138.987	ug/l	100
31) Cyclohexane	5.56	56	658851	139.114	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	813482	145.920	ug/l	99
36) 1,1-Dichloropropene	5.79	75	635013	152.343	ug/l	100
37) Ethyl Acetate	4.82	43	320866	133.609	ug/l	99
38) Carbon Tetrachloride	5.77	117	778555	159.867	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 04:42:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	763760	152.934	ug/l	99
40) Benzene	6.13	78	1823648	148.016	ug/l	99
41) Methacrylonitrile	5.03	41	192040	135.299	ug/l	97
42) 1,2-Dichloroethane	6.18	62	607738	145.296	ug/l	100
43) Isopropyl Acetate	6.44	43	656942	134.613	ug/l	100
44) Trichloroethene	7.20	130	603504	156.196	ug/l	98
45) 1,2-Dichloropropane	7.51	63	452383	141.166	ug/l	99
46) Dibromomethane	7.65	93	275919	144.428	ug/l	99
47) Bromodichloromethane	7.89	83	696651	147.297	ug/l	98
48) Methyl methacrylate	7.76	41	329640	138.828	ug/l	99
49) 1,4-Dioxane	7.73	88	90832	2796.818	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1634662	660.615	ug/l	100
52) Toluene	8.78	92	1238418	151.290	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	712079	147.029	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	794581	146.175	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	396196	141.750	ug/l	99
56) Ethyl methacrylate	9.17	69	548267	142.347	ug/l	100
57) 1,3-Dichloropropane	9.37	76	648223	140.011	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	1166320	645.946	ug/l	99
59) 2-Hexanone	9.49	43	1171106	665.777	ug/l	100
60) Dibromochloromethane	9.57	129	573131	152.291	ug/l	99
61) 1,2-Dibromoethane	9.67	107	407532	147.049	ug/l	99
64) Tetrachloroethene	9.33	164	618098	152.790	ug/l	97
65) Chlorobenzene	10.14	112	1442432	149.309	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	594043	152.381	ug/l	99
67) Ethyl Benzene	10.25	91	2431318	148.148	ug/l	99
68) m/p-Xylenes	10.36	106	1917279	302.118	ug/l	97
69) o-Xylene	10.70	106	933024	151.088	ug/l	99
70) Styrene	10.71	104	1638623	151.188	ug/l	99
71) Bromoform	10.85	173	427270	155.045	ug/l #	99
73) Isopropylbenzene	11.01	105	2523283	144.184	ug/l	99
74) N-amyl acetate	10.89	43	661340	130.285	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	469129	133.267	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	335778m	116.284	ug/l	
77) Bromobenzene	11.25	156	757076	149.113	ug/l	99
78) n-propylbenzene	11.35	91	2827714	142.999	ug/l	99
79) 2-Chlorotoluene	11.42	91	1694494	142.746	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2202137	146.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	157868	134.618	ug/l	98
82) 4-Chlorotoluene	11.51	91	2013536	140.758	ug/l	98
83) tert-Butylbenzene	11.77	119	2293725	149.473	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2239193	145.268	ug/l	99
85) sec-Butylbenzene	11.94	105	2597103	146.203	ug/l	99
86) p-Isopropyltoluene	12.06	119	2589145	150.160	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1411952	150.093	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1402158	147.520	ug/l	99
89) n-Butylbenzene	12.39	91	2222736	146.069	ug/l	100
90) Hexachloroethane	12.59	117	497897	149.405	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1294056	148.129	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	93016	132.737	ug/l	95

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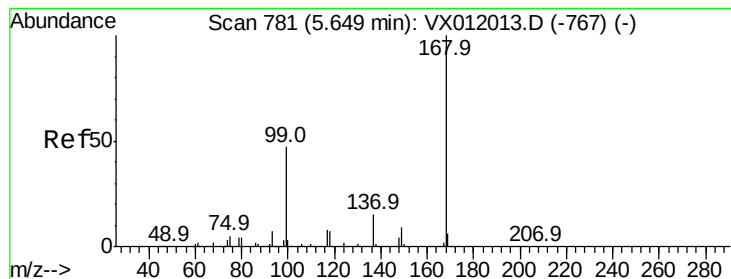
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1125874	152.551	ug/l	99
94) Hexachlorobutadiene	13.78	225	786191	157.992	ug/l	99
95) Naphthalene	13.83	128	1715635	137.799	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	973546	146.363	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 400483

Ion Ratio Lower Upper

168 100

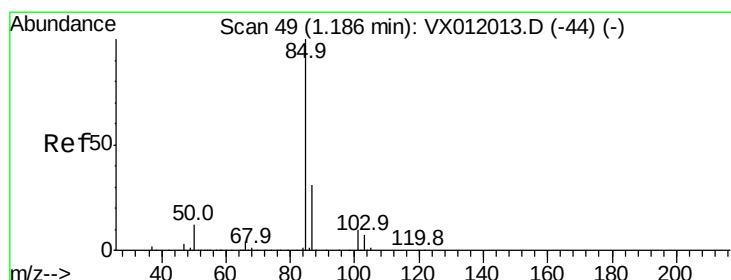
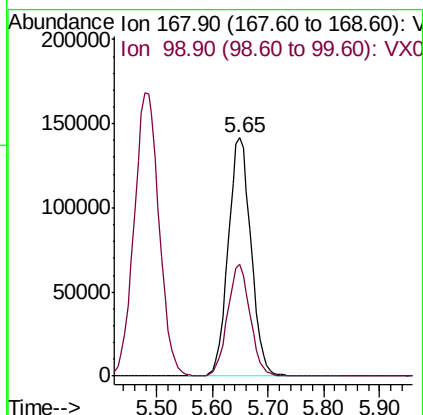
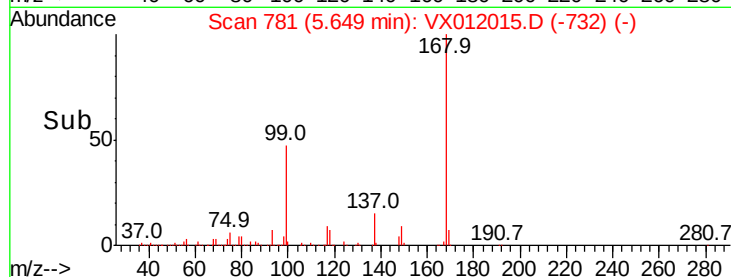
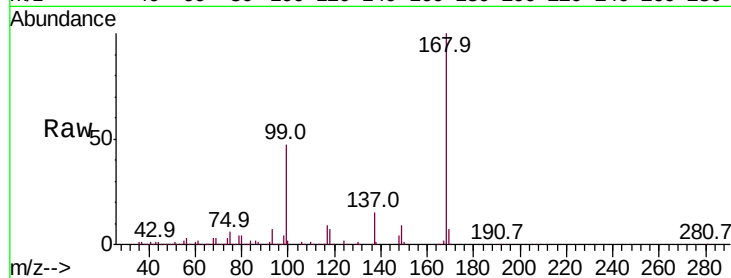
99 46.7 37.6 56.4

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#2

Dichlorodifluoromethane

Concen: 148.586 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012015.D

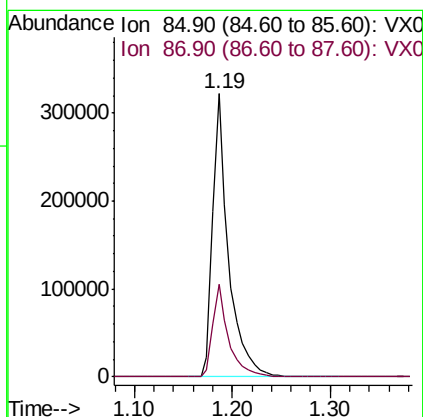
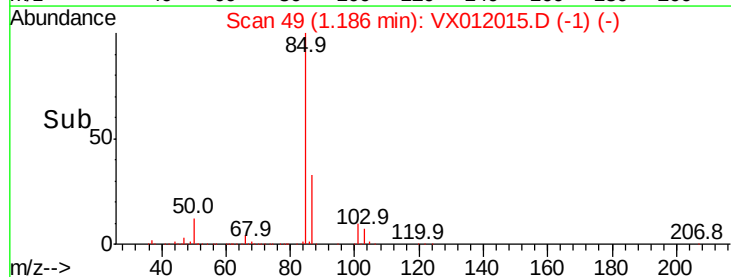
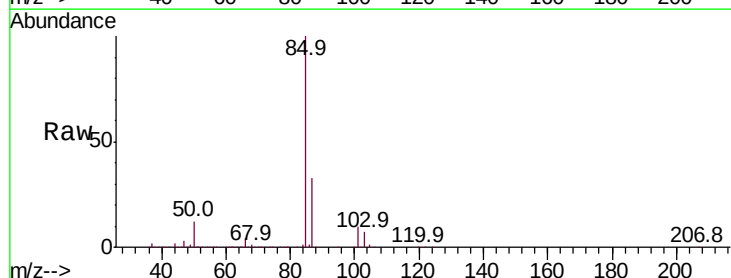
Acq: 02 Sep 2019 14:42

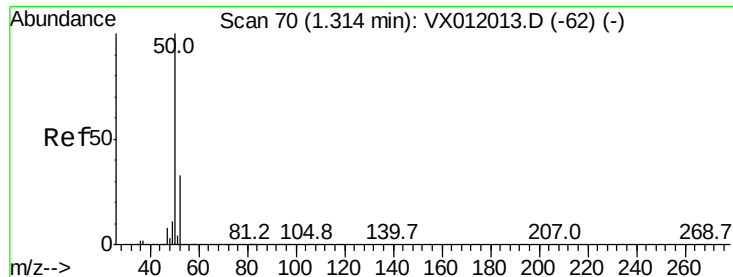
Tgt Ion: 85 Resp: 361693

Ion Ratio Lower Upper

85 100

87 32.7 15.6 46.8





#3

Chloromethane

Concen: 140.463 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 385142

Ion Ratio Lower Upper

50 100

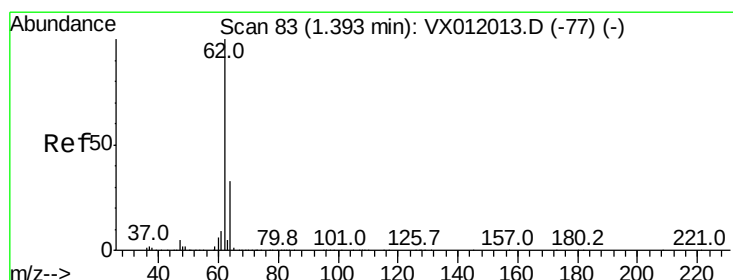
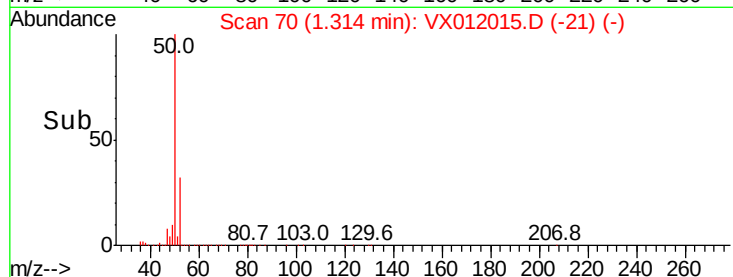
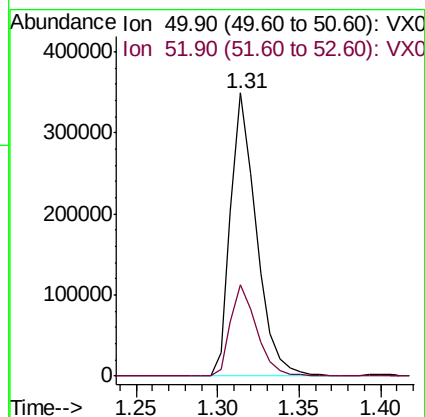
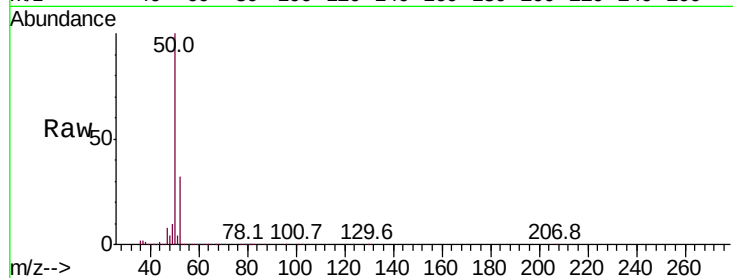
52 32.4 26.5 39.7

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#4

Vinyl Chloride

Concen: 147.291 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012015.D

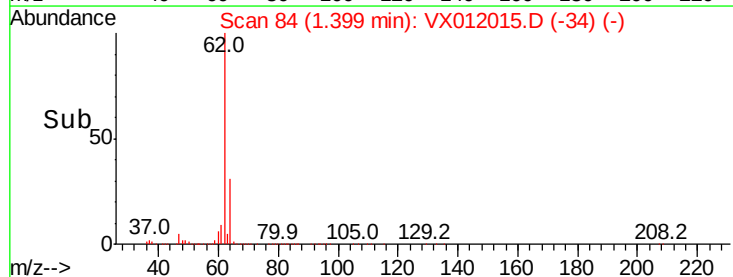
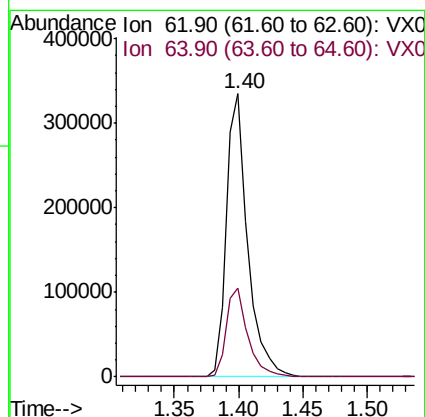
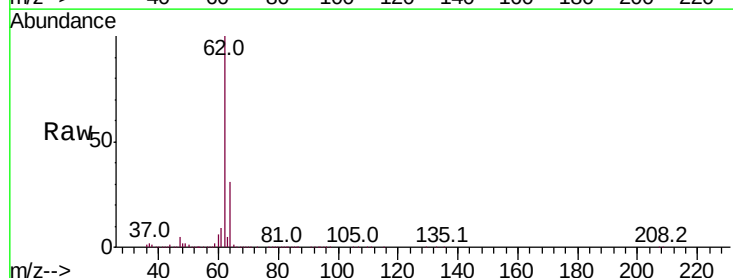
Acq: 02 Sep 2019 14:42

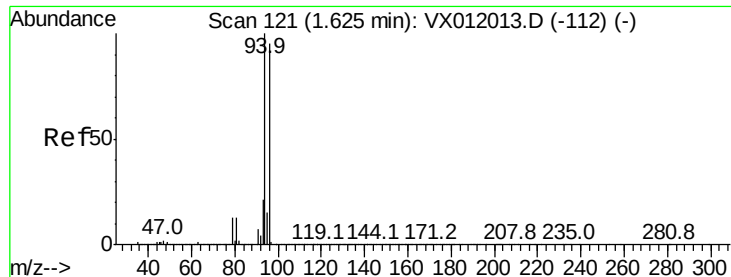
Tgt Ion: 62 Resp: 389745

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.4





#5

Bromomethane

Concen: 135.390 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 94 Resp: 248761

Ion Ratio Lower Upper

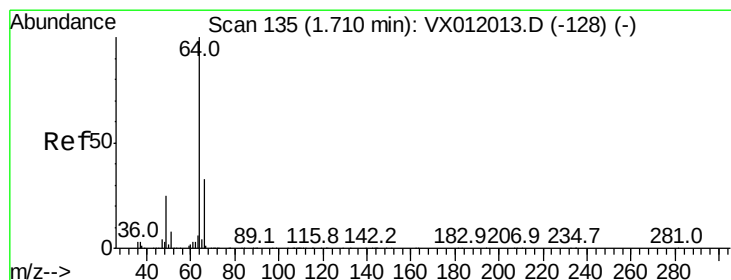
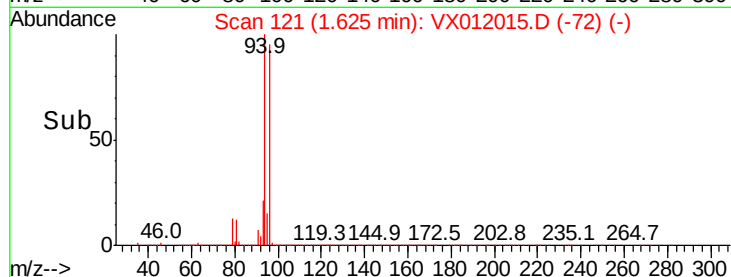
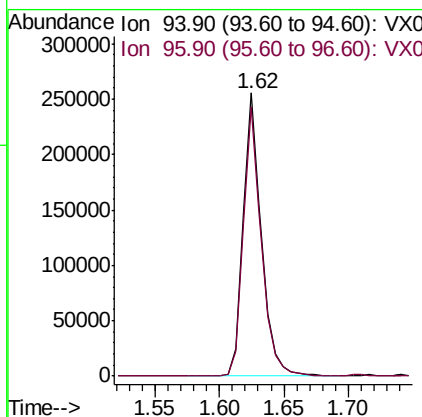
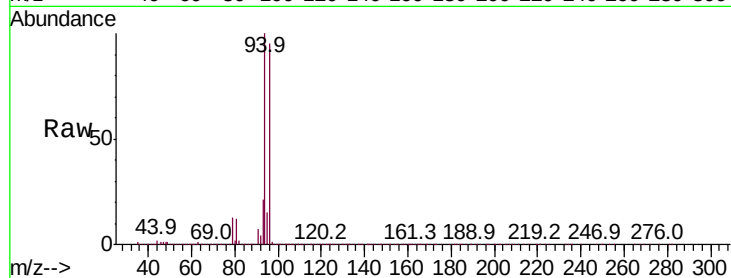
94 100

96 95.0 76.3 114.5

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#6

Chloroethane

Concen: 148.379 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX012015.D

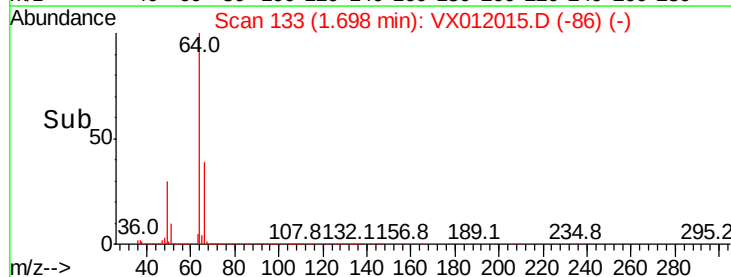
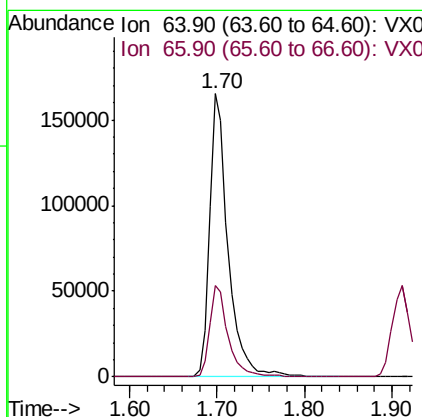
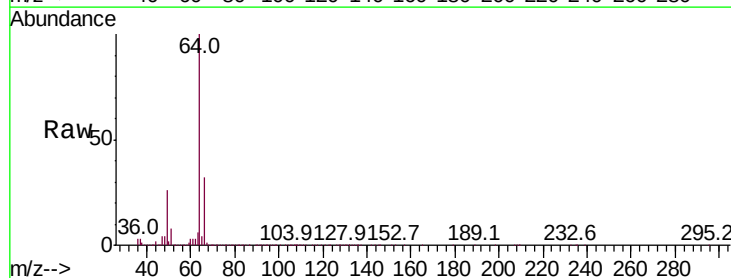
Acq: 02 Sep 2019 14:42

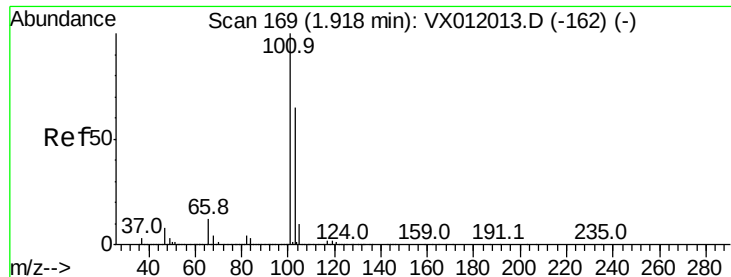
Tgt Ion: 64 Resp: 244012

Ion Ratio Lower Upper

64 100

66 32.4 26.3 39.5





#7

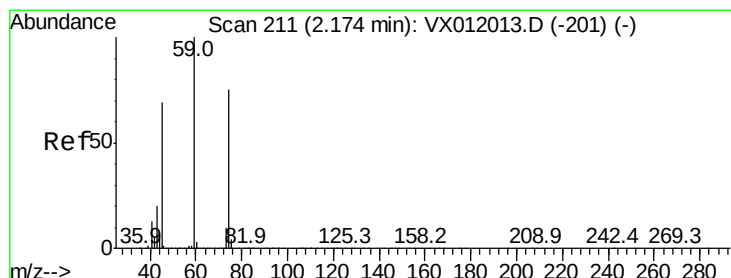
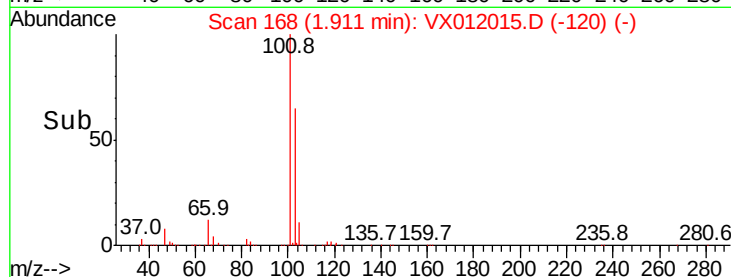
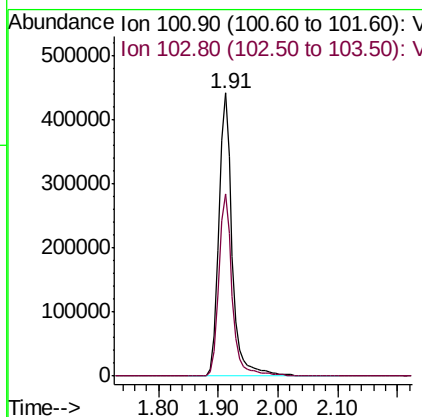
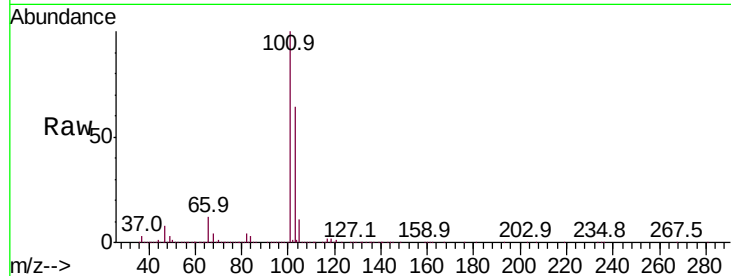
Trichlorofluoromethane
Concen: 147.955 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.6	77.4

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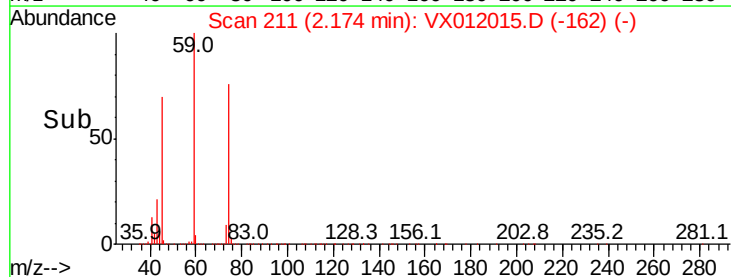
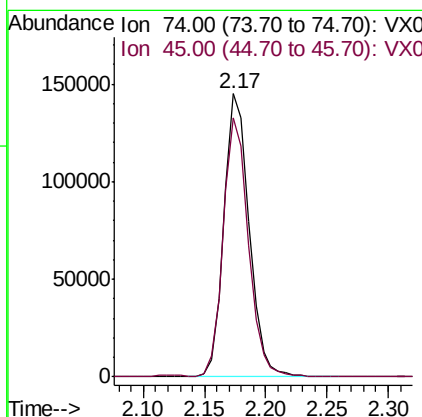
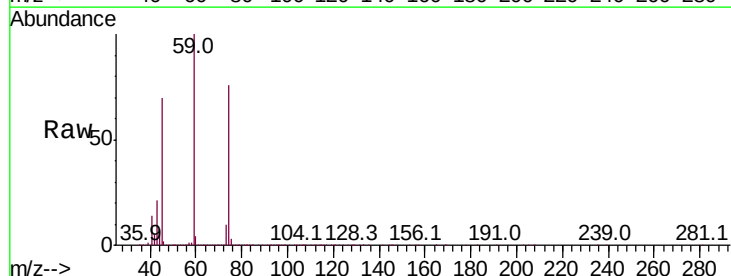
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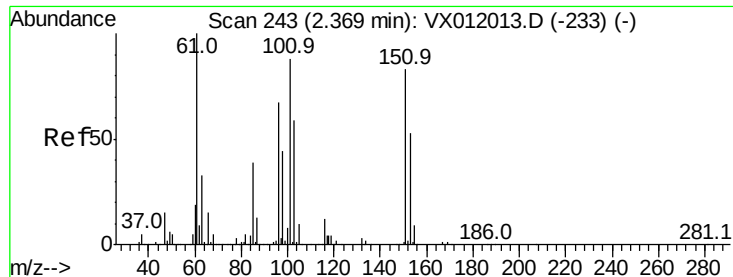


#8

Diethyl Ether
Concen: 132.999 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.8	45.9	137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 145.992 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

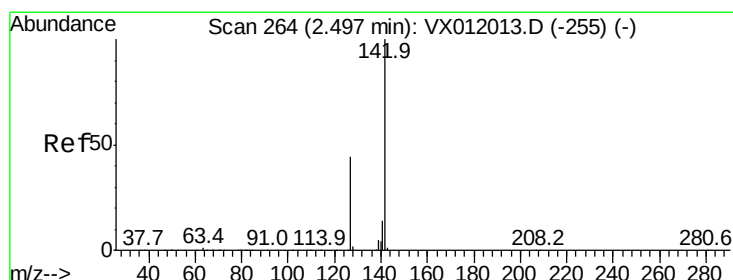
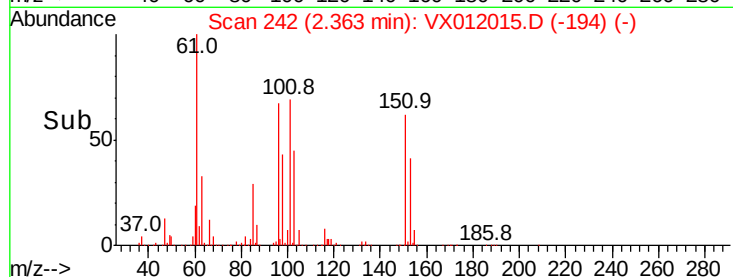
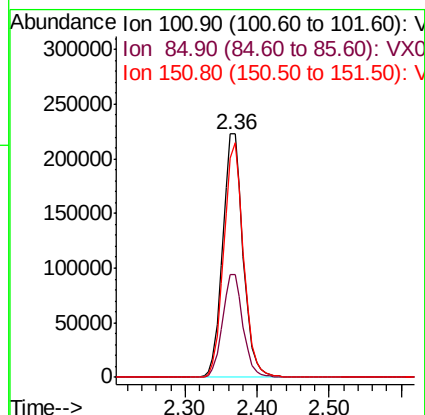
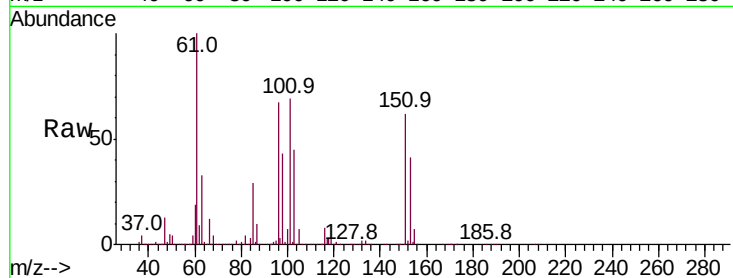
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	438787
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.5	51.7
151	93.7	75.0	112.4

Manual Integrations
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#10

Methyl Iodide

Concen: 196.601 ug/l

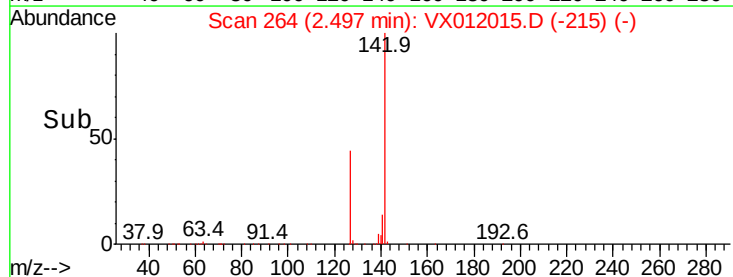
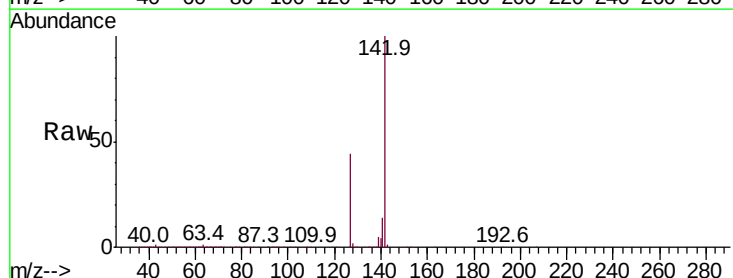
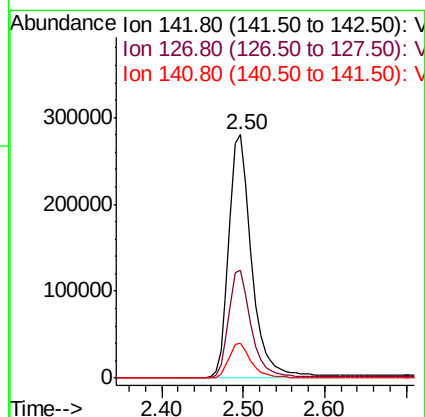
RT: 2.50 min Scan# 264

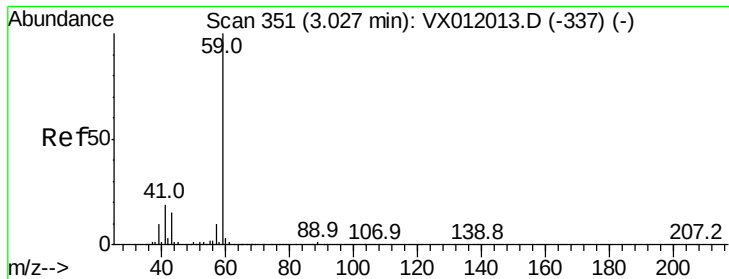
Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion:	142	Resp:	550521
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.4	53.2
141	14.2	11.4	17.2





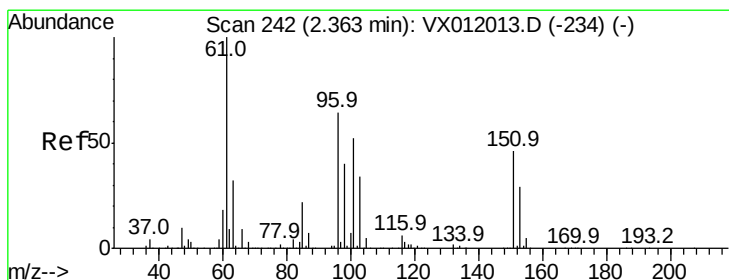
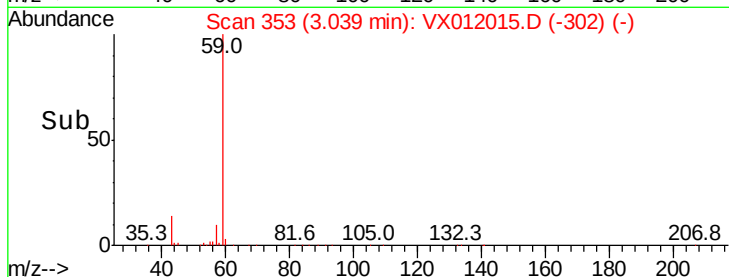
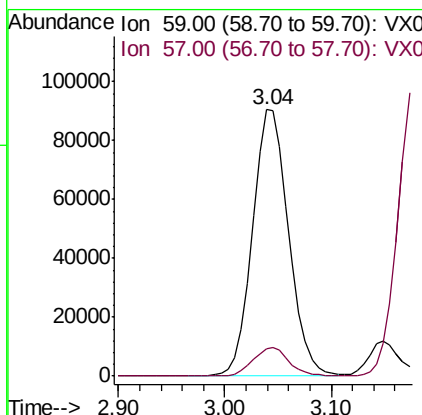
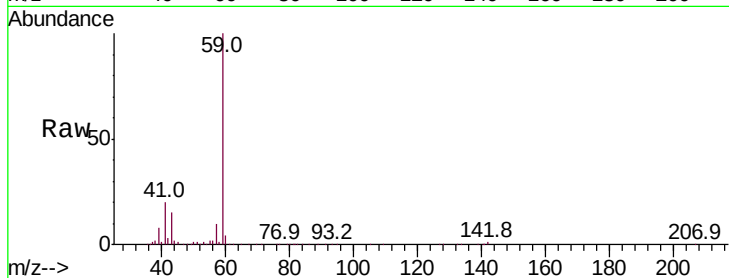
#11
Tert butyl alcohol
Concen: 601.998 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 59 Resp: 214889
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9

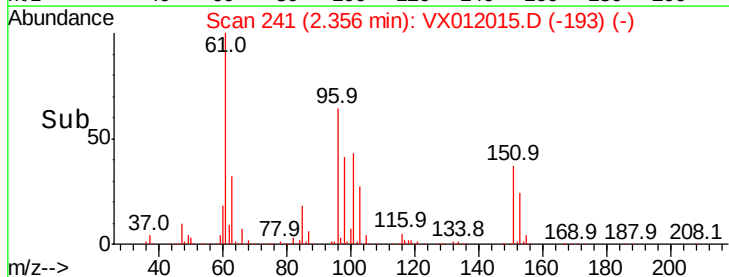
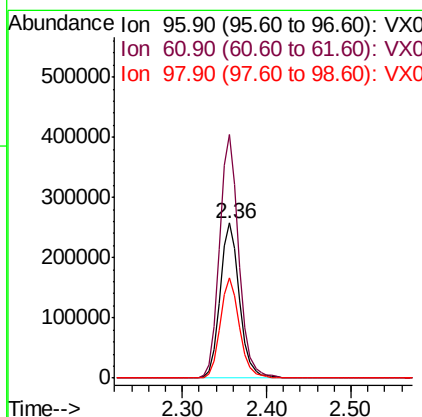
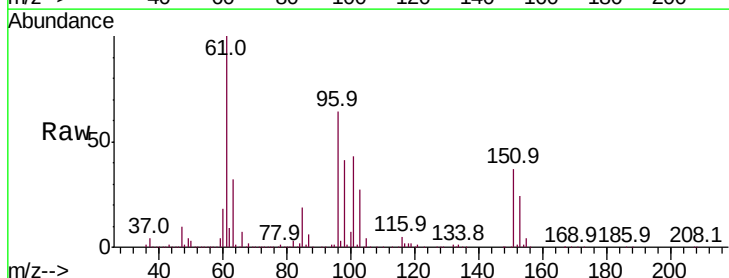
Manual Integrations
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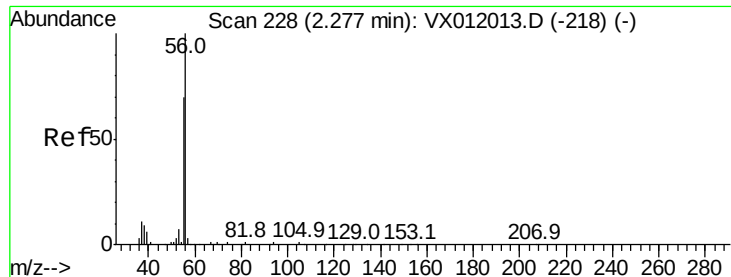
sam
9/3/2019 2:15:55 PM



#12
1,1-Dichloroethene
Concen: 146.754 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion: 96 Resp: 408246
Ion Ratio Lower Upper
96 100
61 157.3 124.1 186.1
98 64.7 50.2 75.2





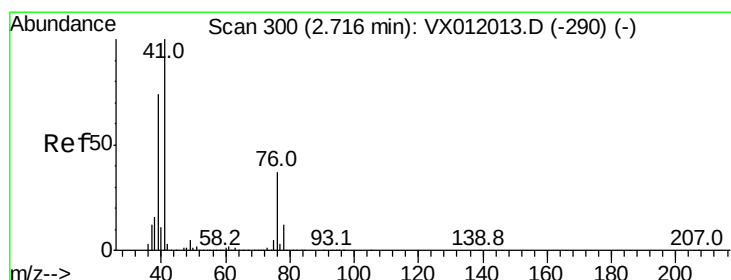
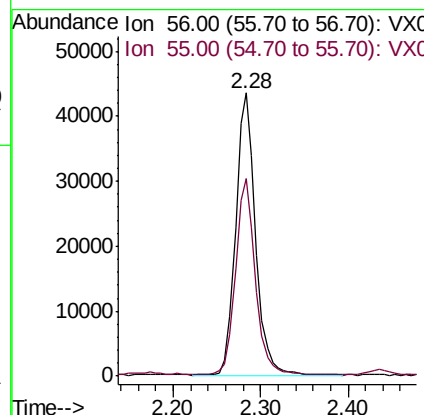
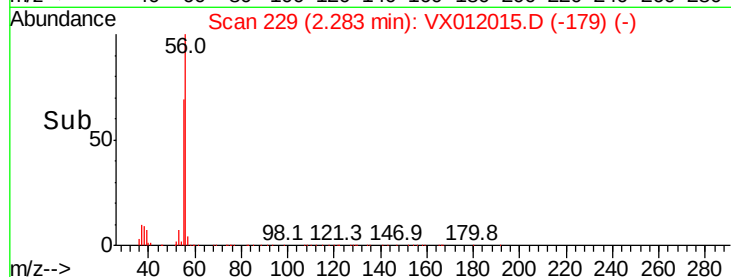
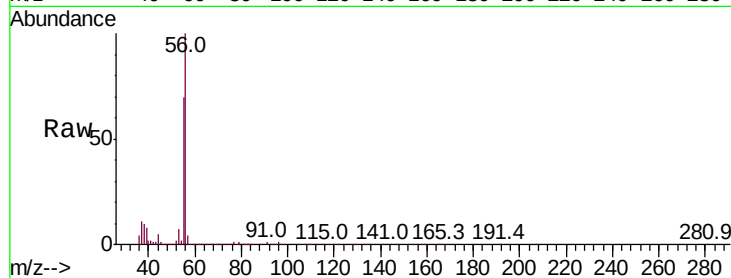
#13
Acrolein
Concen: 400.312 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.0	59.2	88.8

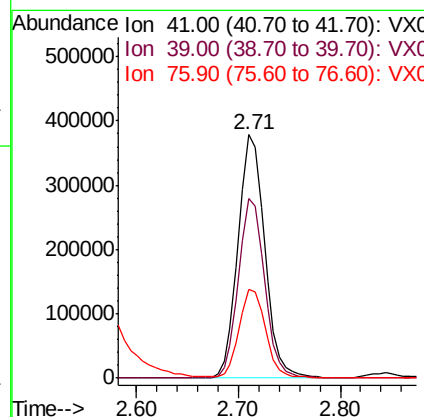
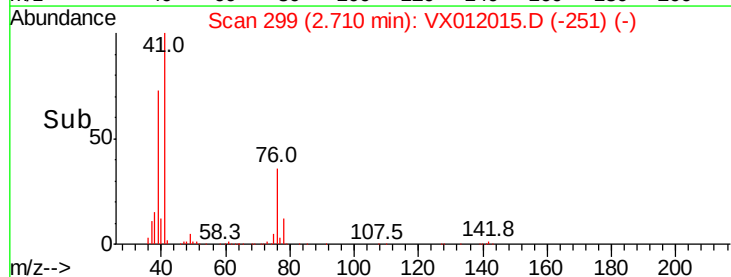
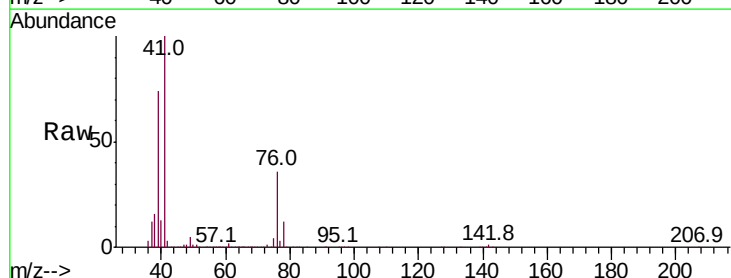
Manual Integrations
APPROVED

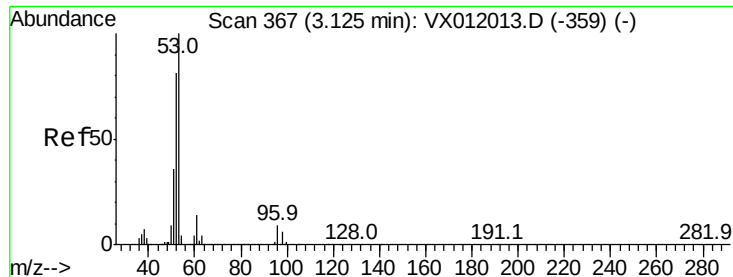
sam
9/3/2019 2:15:55 PM



#14
Allyl chloride
Concen: 134.069 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Lower	Upper
41	100		
39	72.0	57.9	86.9
76	36.4	28.5	42.7





#15

Acrylonitrile

Concen: 622.895 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

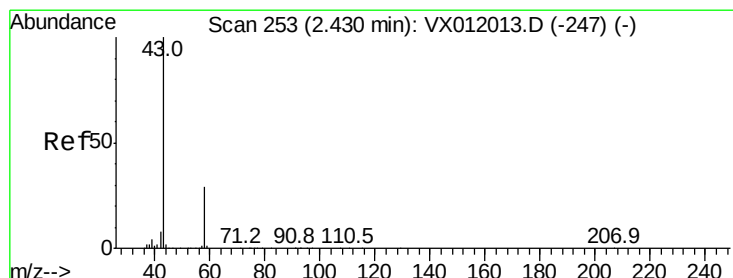
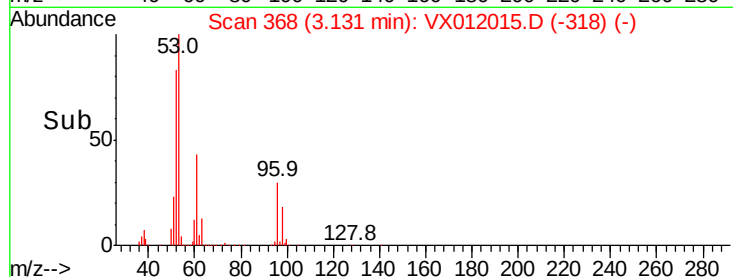
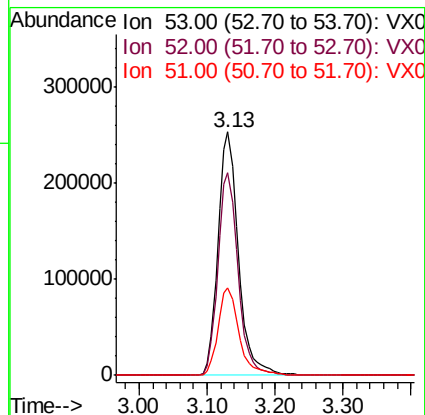
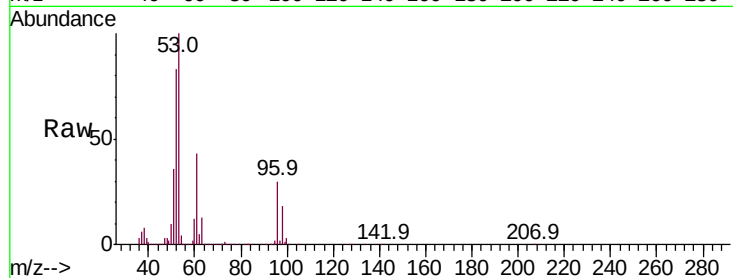
ClientSampleId :

VSTDICC150

Tot Ion:	53	Resp:	526339
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.6	98.4
51	37.1	29.8	44.6

Manual Integrations
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sam
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#16

Acetone

Concen: 592.431 ug/l

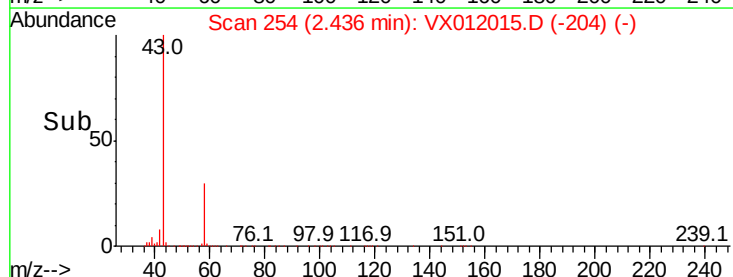
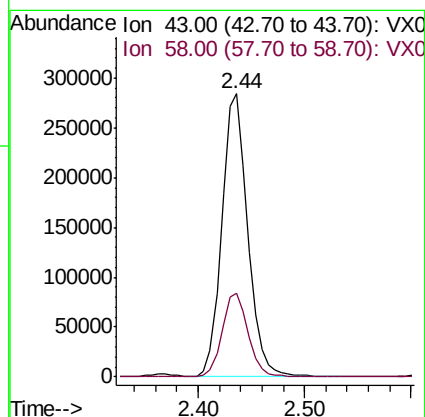
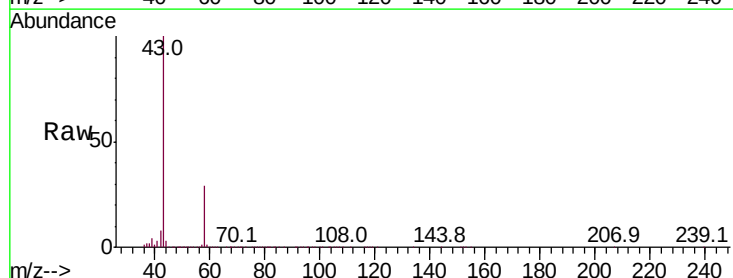
RT: 2.44 min Scan# 254

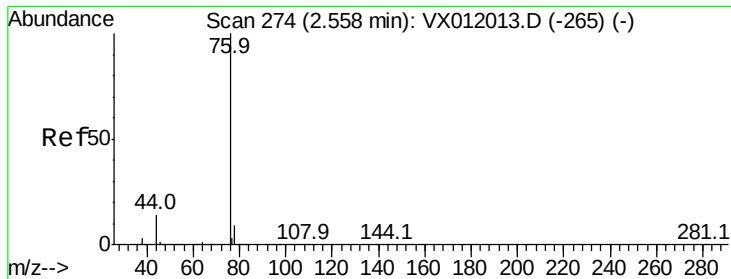
Delta R.T. 0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion:	43	Resp:	478028
Ion	Ratio	Lower	Upper
43	100		
58	29.5	22.8	34.2





#17

Carbon Disulfide

Concen: 155.152 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1241198

Ion Ratio Lower Upper

76 100

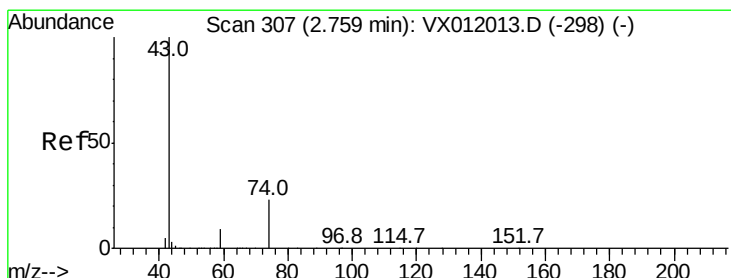
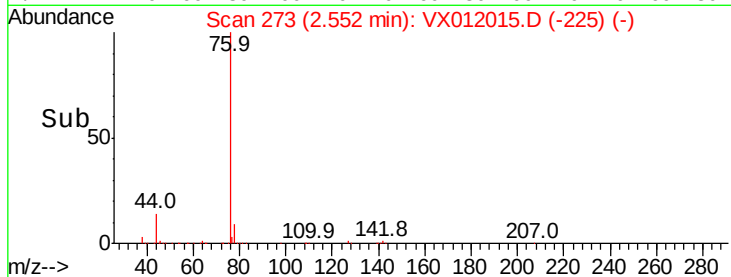
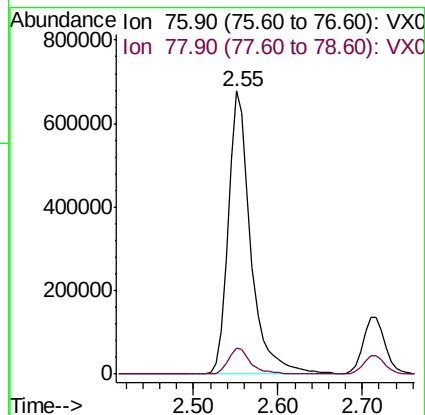
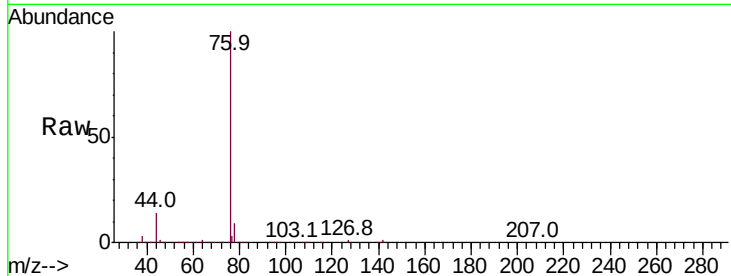
78 9.2 7.4 11.2

Manual Integrations

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sam

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#18

Methyl Acetate

Concen: 120.583 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012015.D

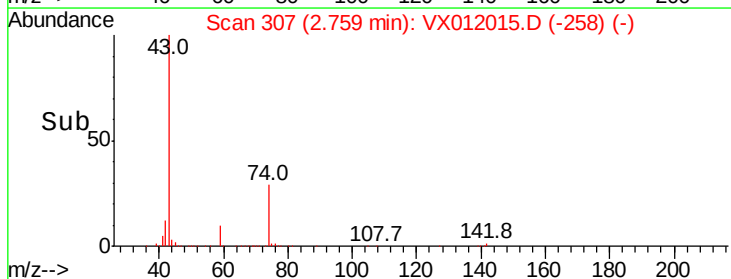
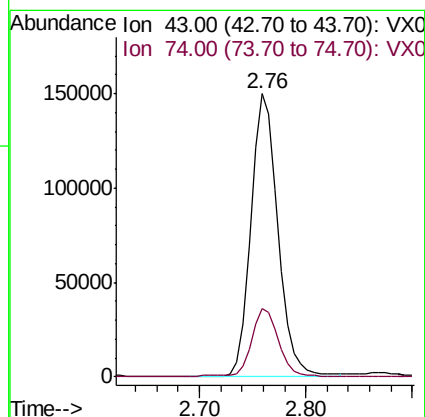
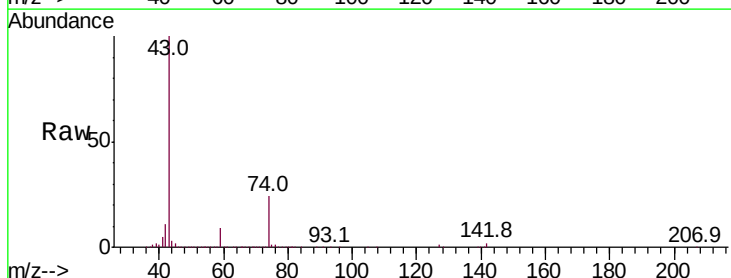
Acq: 02 Sep 2019 14:42

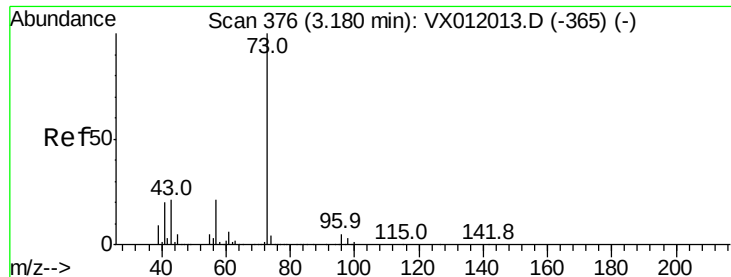
Tgt Ion: 43 Resp: 265845

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3





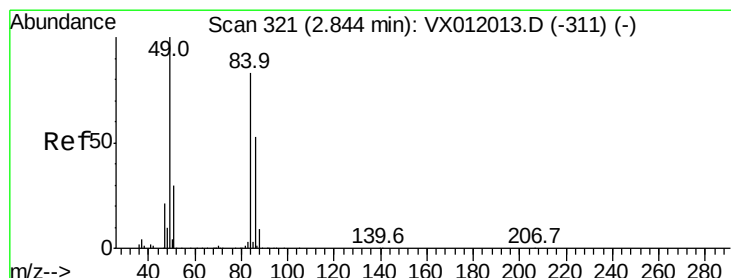
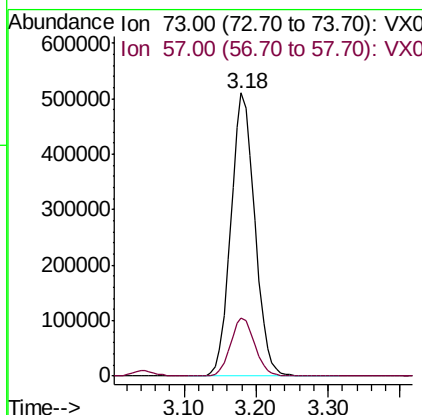
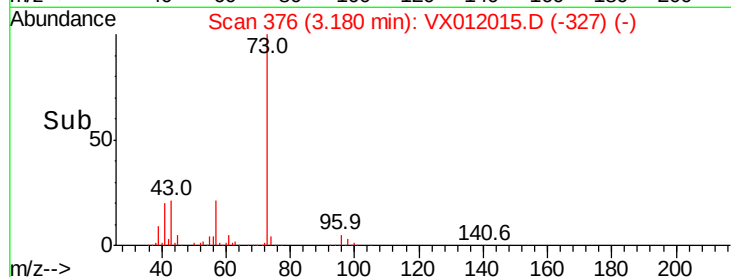
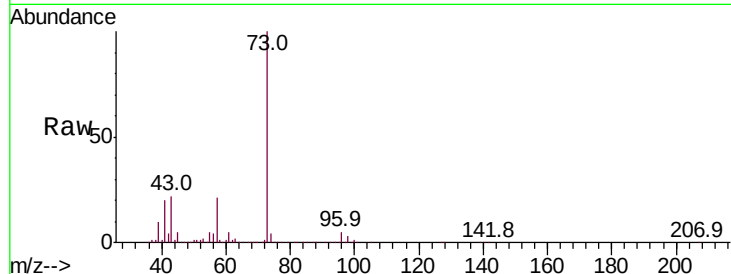
#19
Methyl tert-butyl Ether
Concen: 132.817 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 73 Resp: 1178847
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

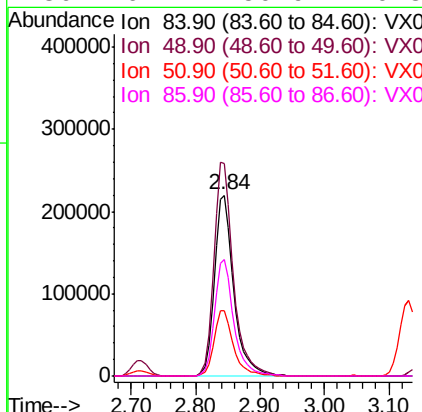
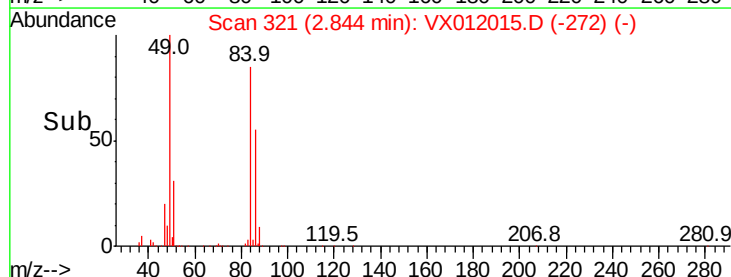
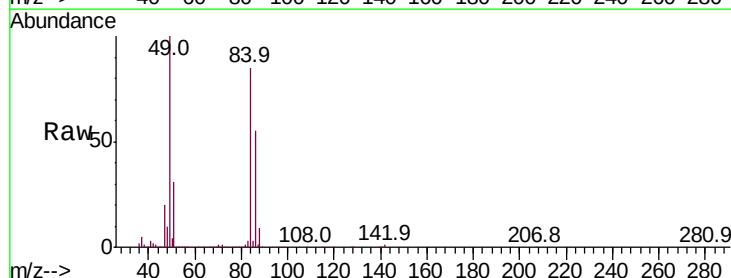
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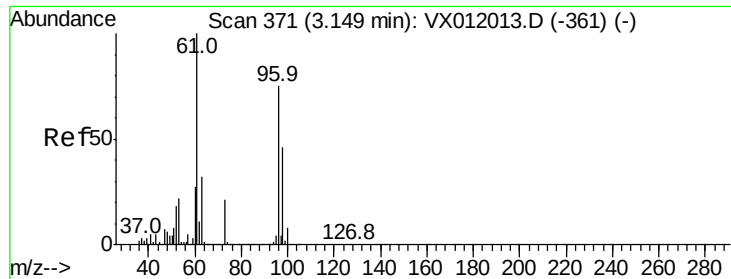
sam
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#20
Methylene Chloride
Concen: 116.203 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion: 84 Resp: 464009
Ion Ratio Lower Upper
84 100
49 117.6 95.8 143.8
51 36.1 28.6 43.0
86 64.4 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 146.015 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 477389

Ion Ratio Lower Upper

96 100

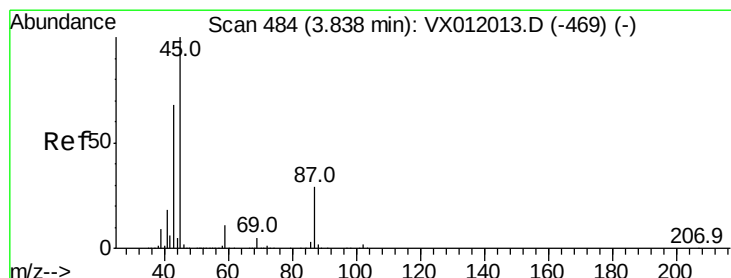
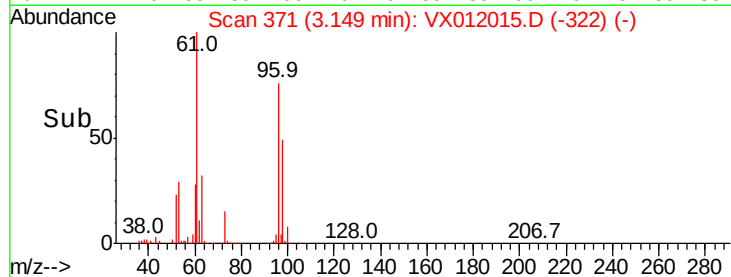
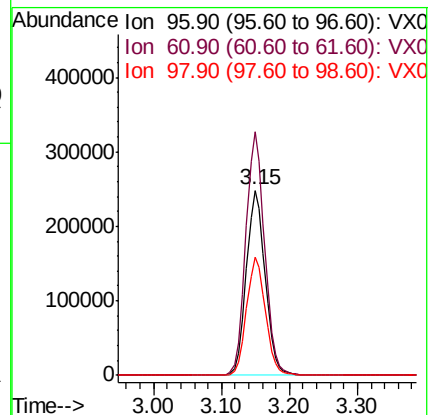
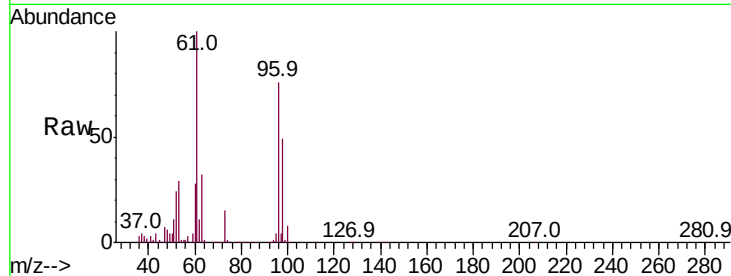
61 131.6 107.0 160.6

98 63.9 49.8 74.6

Manual Integrations
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sam

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#22

Diisopropyl ether

Concen: 130.353 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion: 45 Resp: 1359577

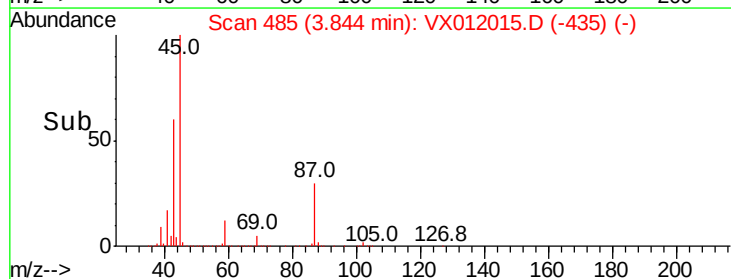
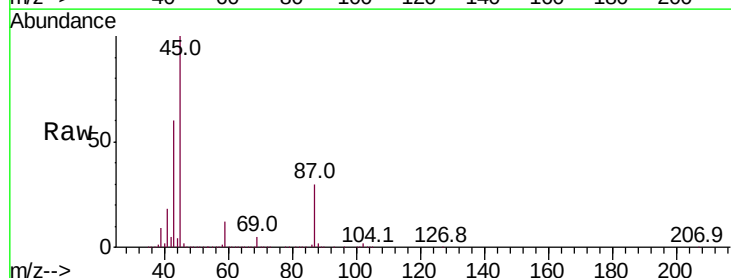
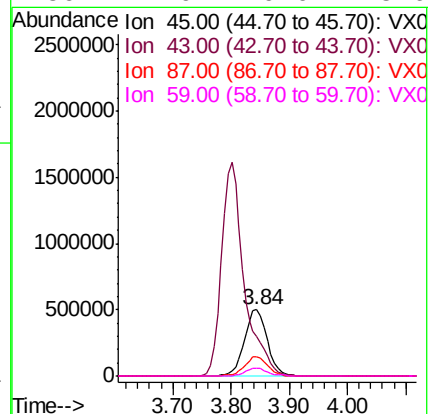
Ion Ratio Lower Upper

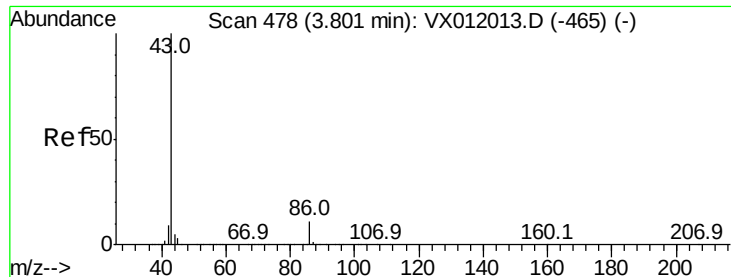
45 100

43 60.1 54.2 81.4

87 30.0 23.4 35.0

59 11.9 9.0 13.6





#23

Vinyl Acetate

Concen: 647.302 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 4334173

Ion Ratio Lower Upper

43 100

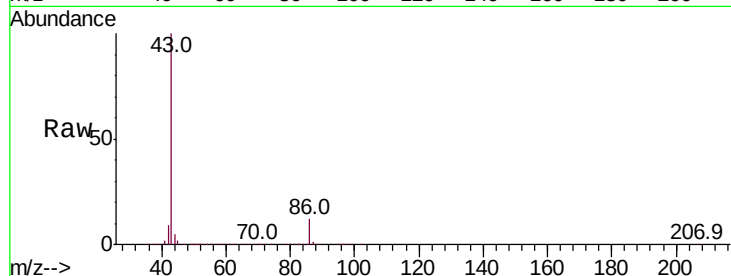
86 11.6 9.0 13.6

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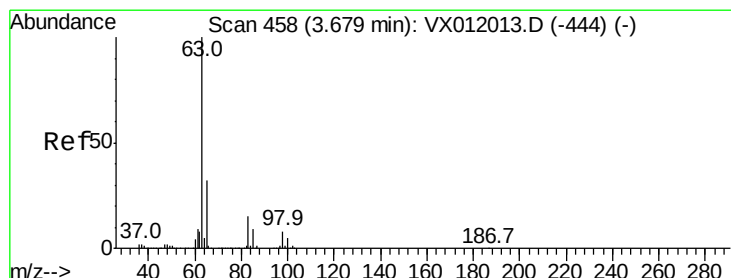
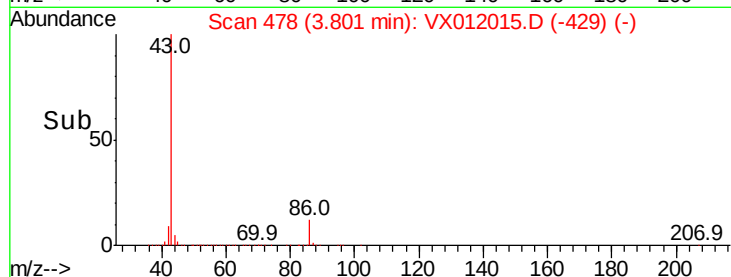
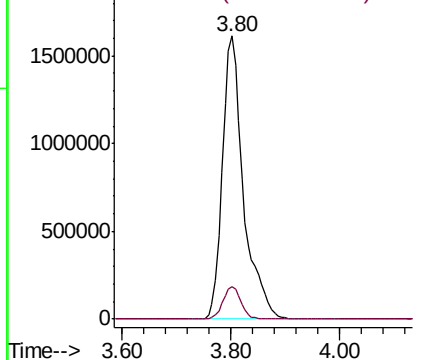
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 136.913 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

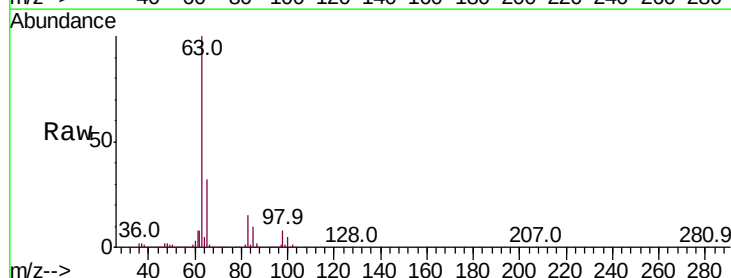
Tgt Ion: 63 Resp: 793268

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

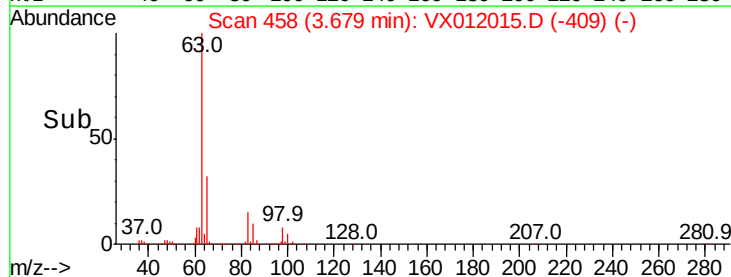
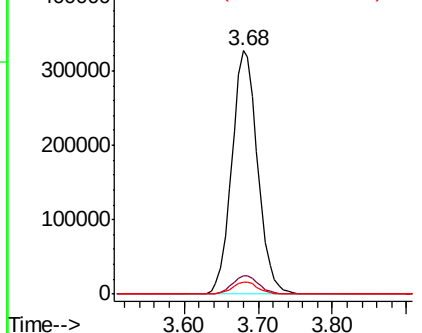
100 5.0 2.5 7.4

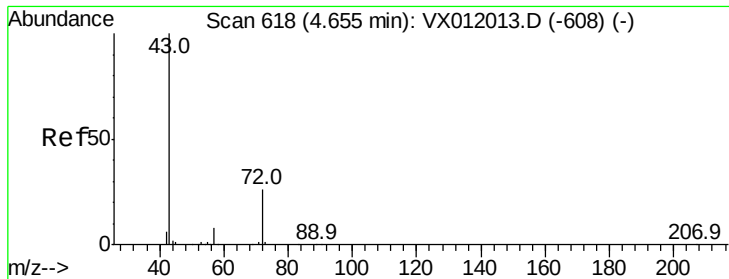


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 619.456 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 718442

Ion Ratio Lower Upper

43 100

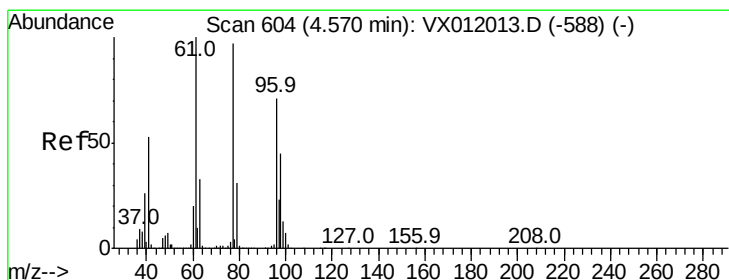
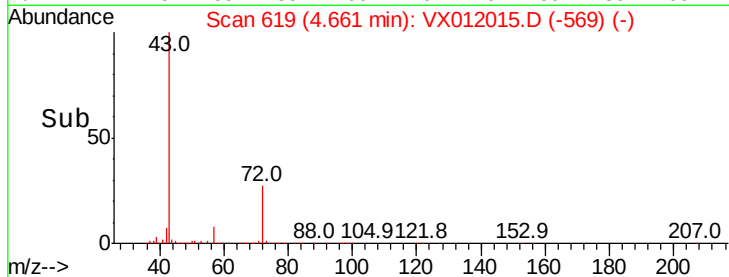
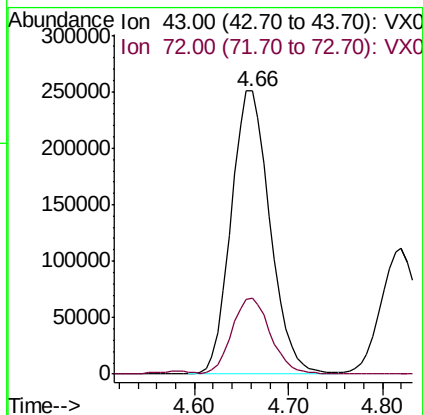
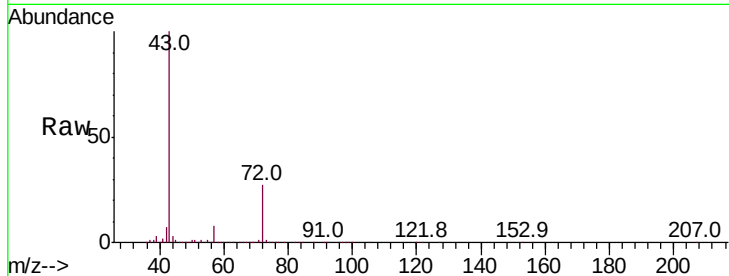
72 26.9 21.3 31.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 142.839 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012015.D

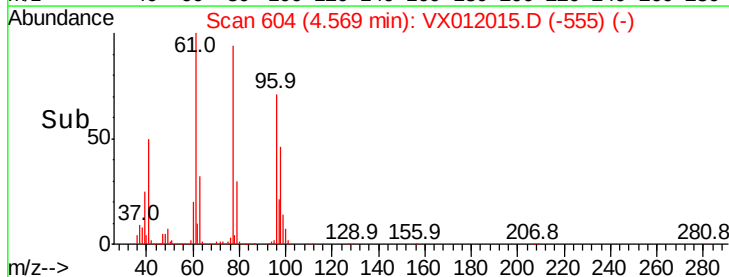
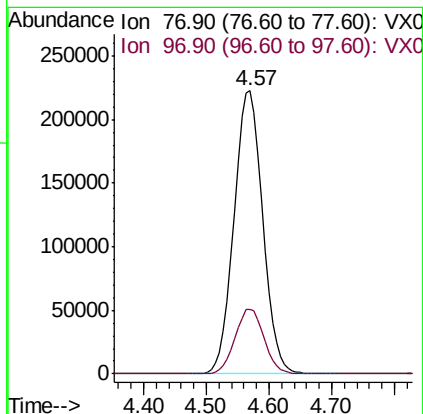
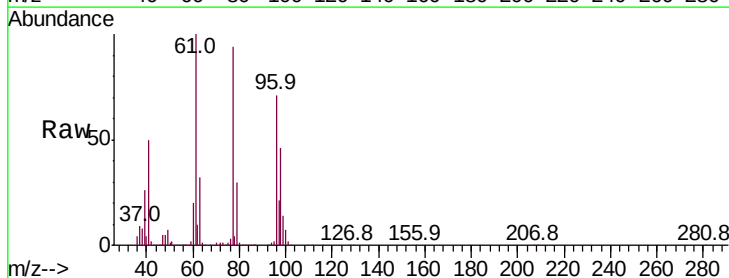
Acq: 02 Sep 2019 14:42

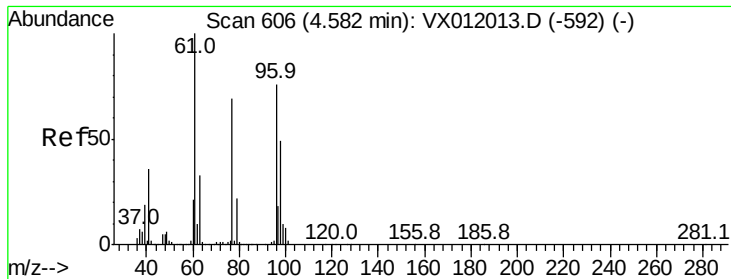
Tgt Ion: 77 Resp: 705177

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5





#27

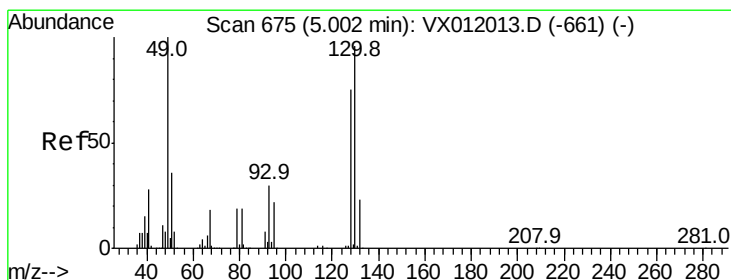
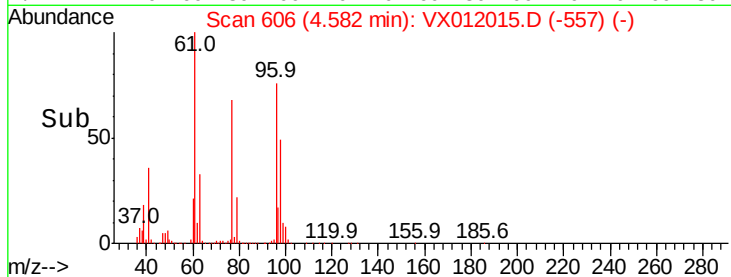
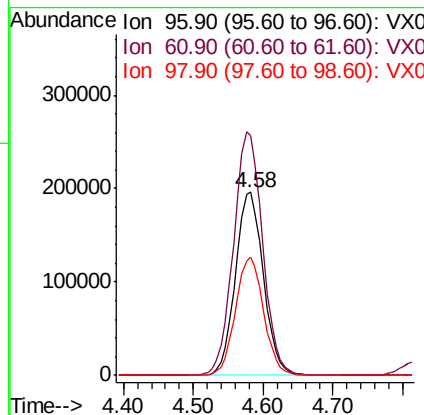
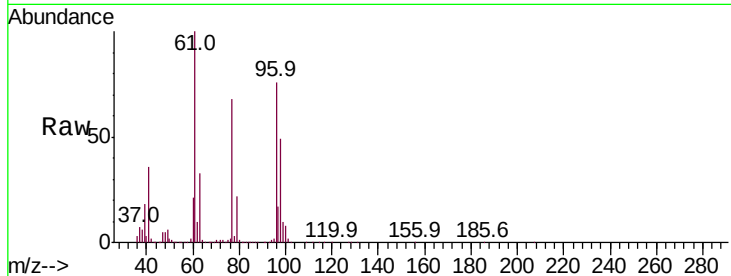
cis-1,2-Dichloroethene
 Concen: 142.529 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	545895		
61	138.3	0.0	277.0	
98	65.0	0.0	128.4	

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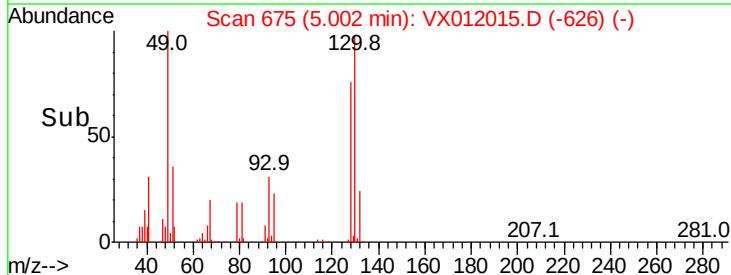
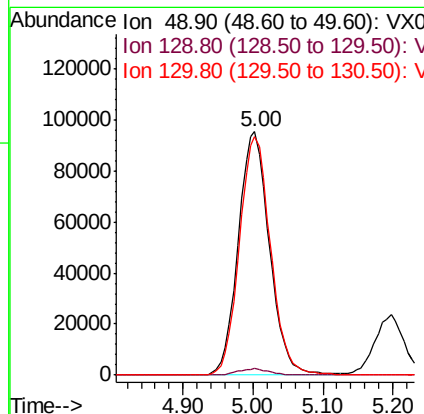
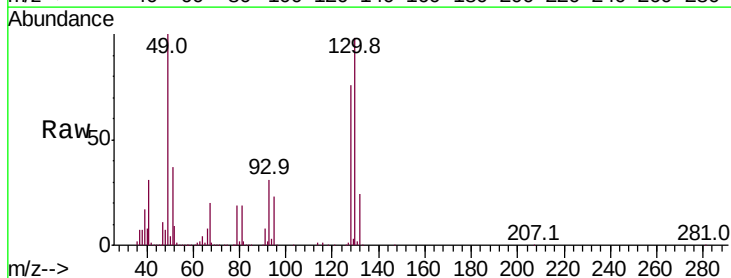
sam
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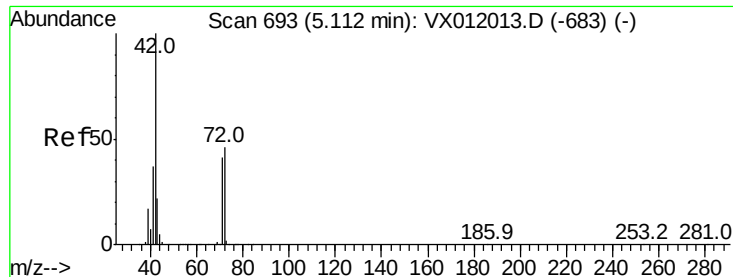


#28

Bromochloromethane
 Concen: 115.976 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	296205		
129	2.7	0.0	5.6	
130	97.6	76.7	115.1	





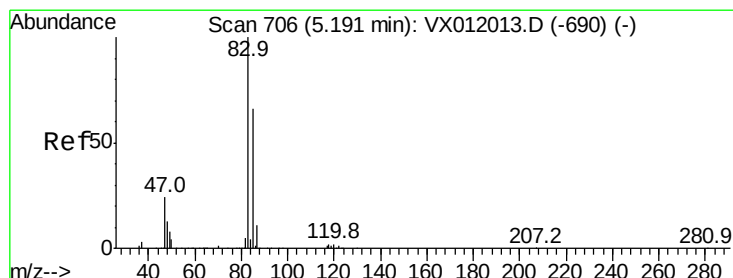
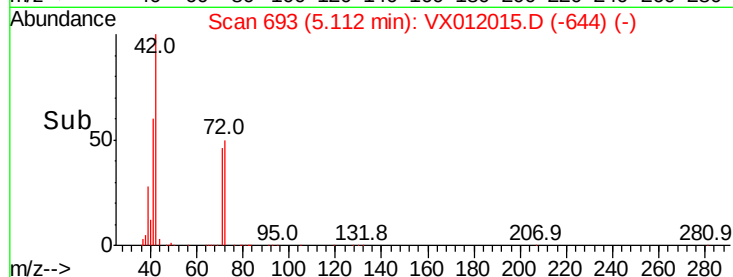
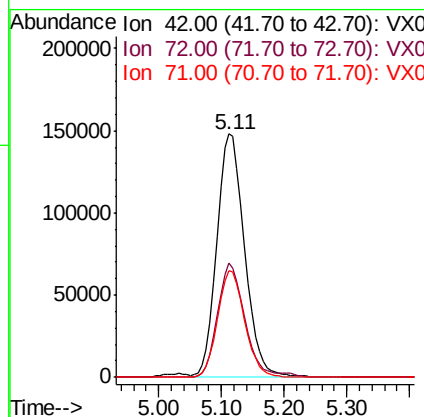
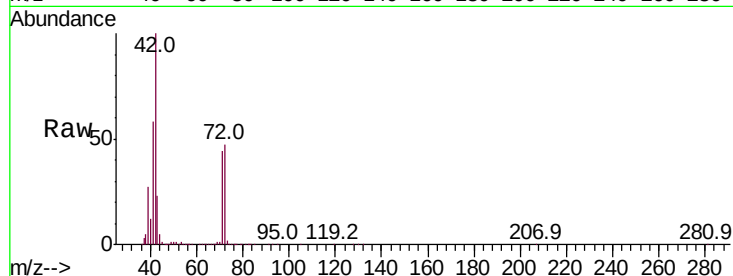
#29
Tetrahydrofuran
Concen: 622.692 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
42	100	450559		
72	46.9		37.0	55.4
71	43.1		33.8	50.8

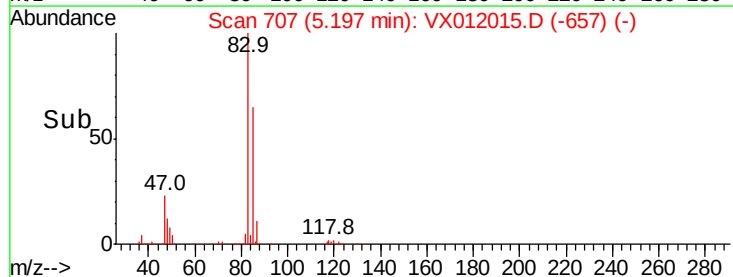
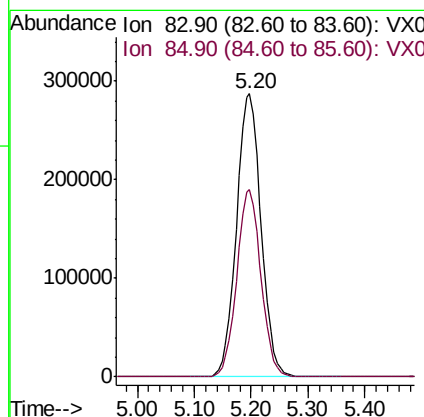
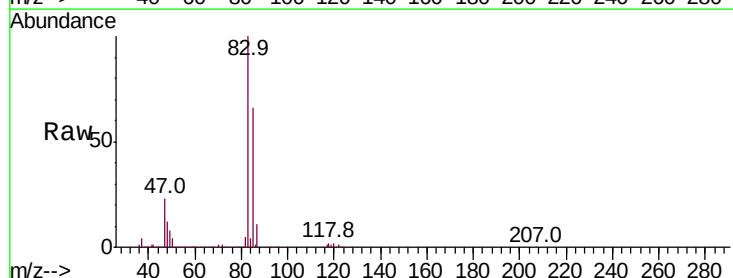
Manual Integrations
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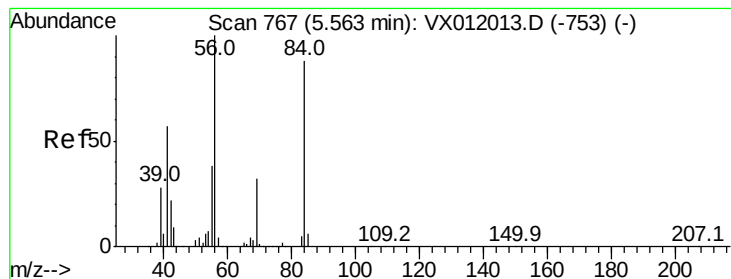
sam
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#30
Chloroform
Concen: 138.987 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	864219		
85	66.0		52.6	78.8





#31

Cyclohexane

Concen: 139.114 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

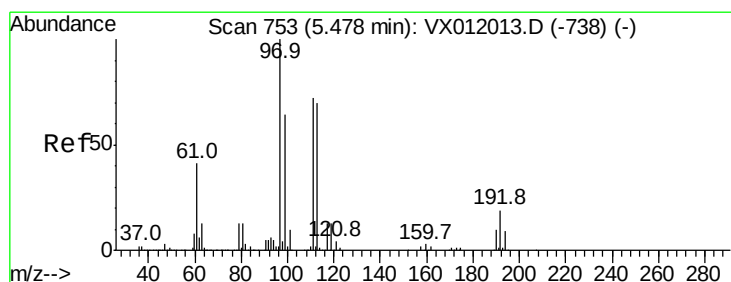
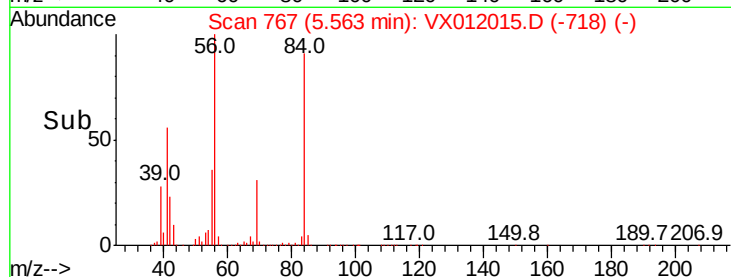
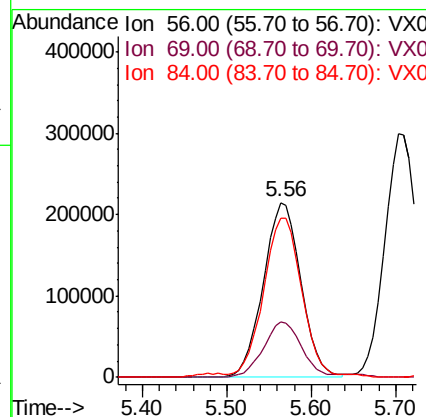
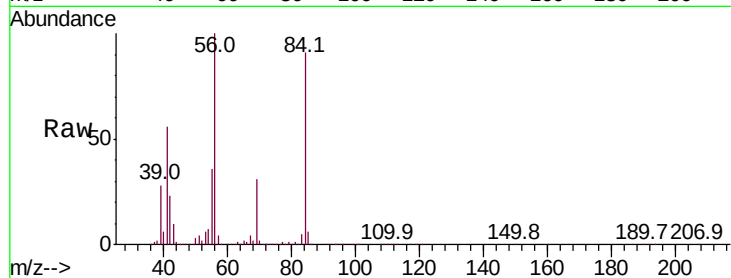
ClientSampleId :

VSTDIC150

Tot Ion:	56	Resp:	658851
Ion Ratio	Lower	Upper	
56	100		
69	31.4	25.7	38.5
84	90.0	70.3	105.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 145.920 ug/l

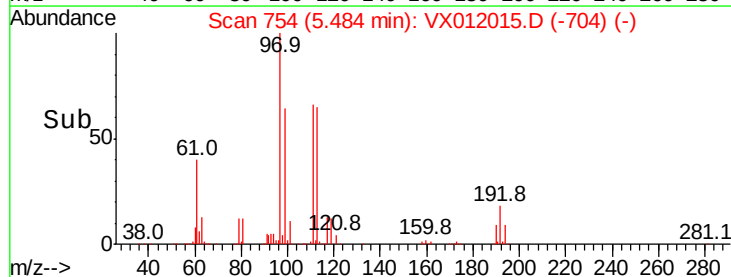
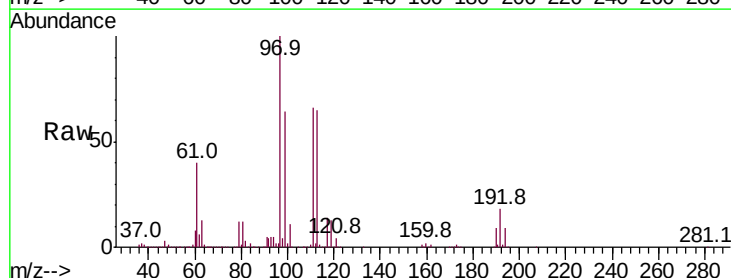
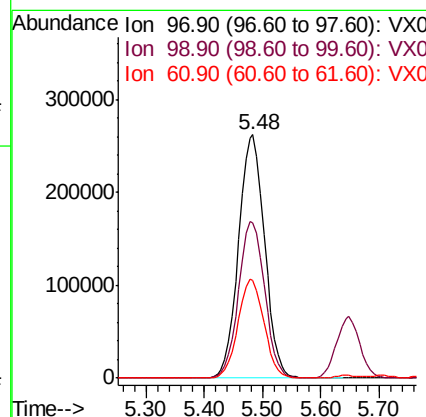
RT: 5.48 min Scan# 754

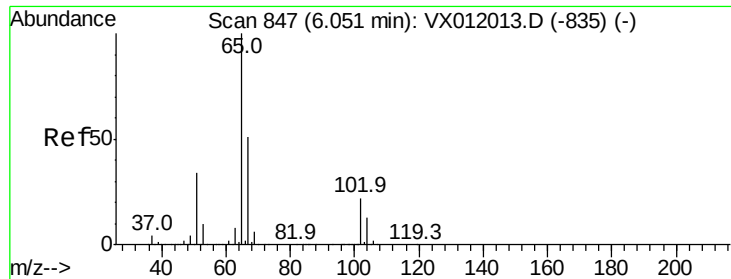
Delta R.T. 0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion:	97	Resp:	813482
Ion Ratio	Lower	Upper	
97	100		
99	64.7	52.1	78.1
61	40.6	32.8	49.2





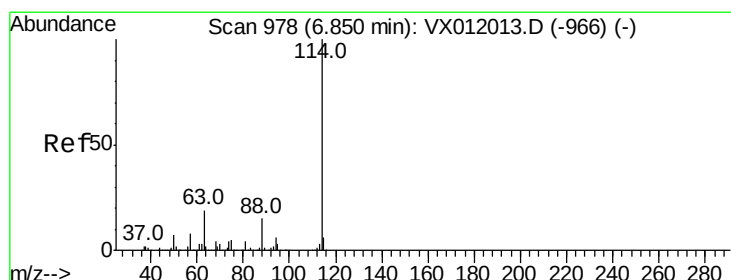
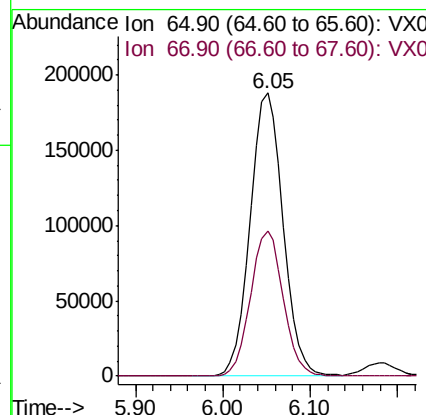
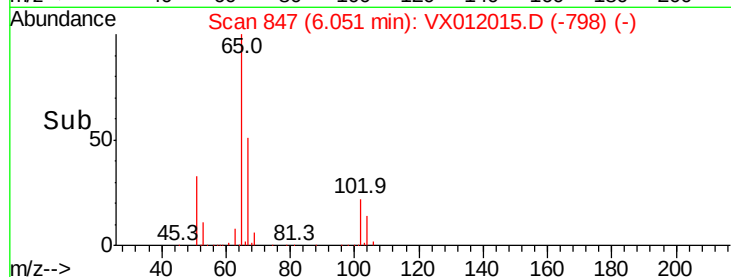
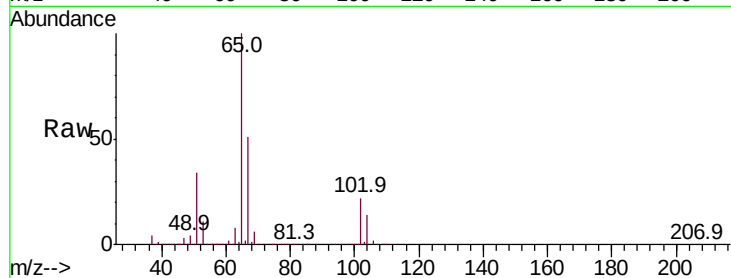
#33
 1,2-Dichloroethane-d4
 Concen: 129.392 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	492125		
67	50.8		0.0	102.0

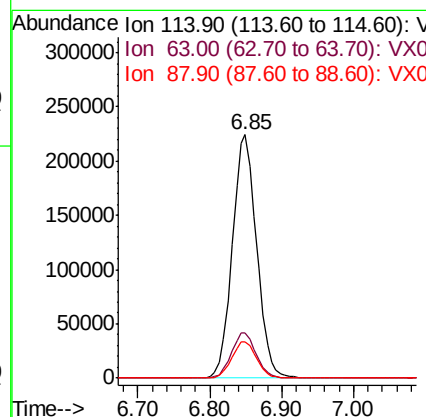
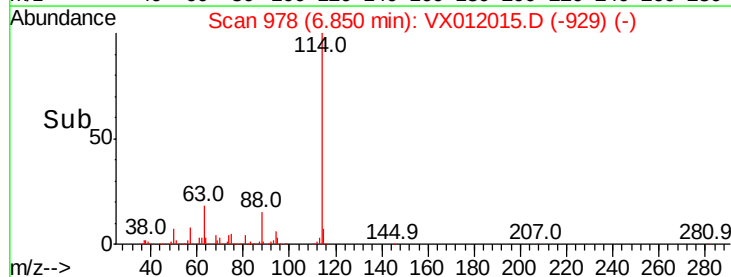
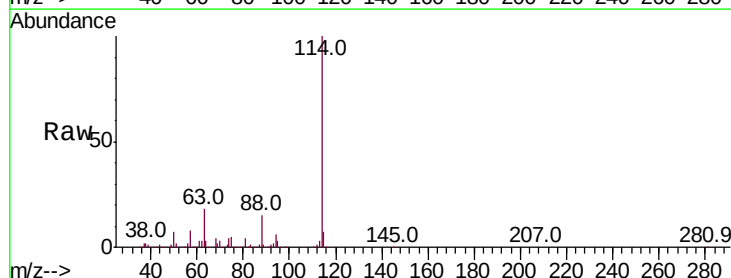
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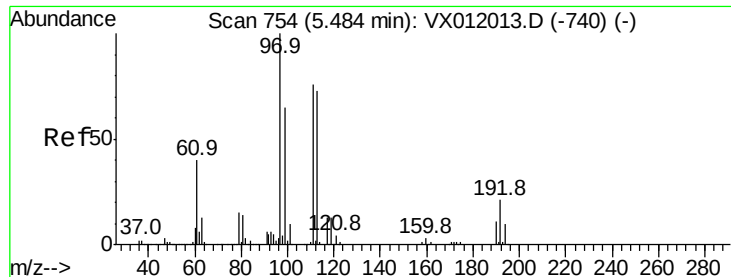
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	526589		
63	18.3		0.0	37.4
88	14.7		0.0	29.6





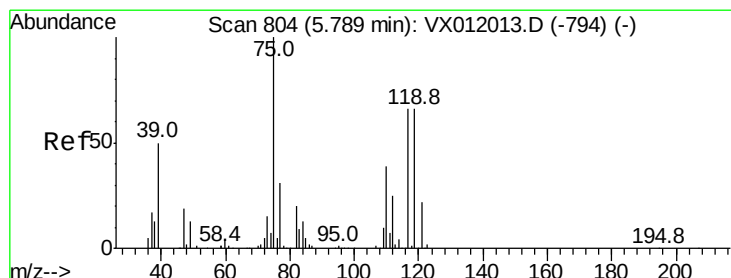
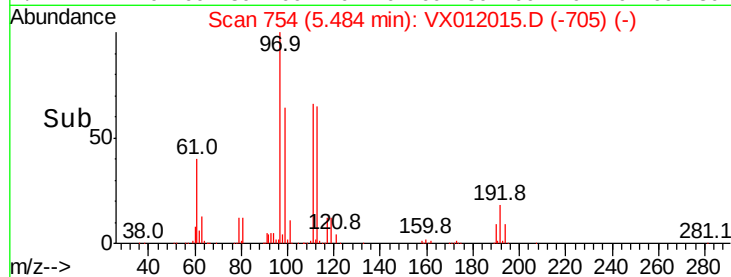
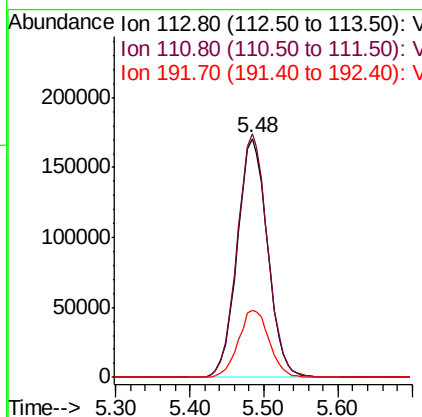
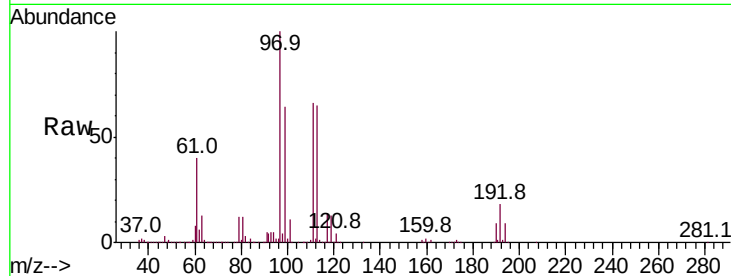
#35
Dibromofluoromethane
Concen: 143.238 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.7	122.5
192	28.4	22.5	33.7

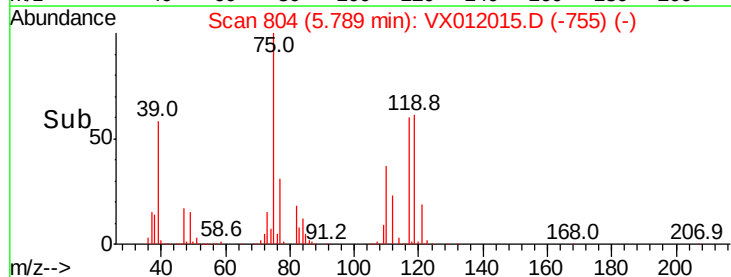
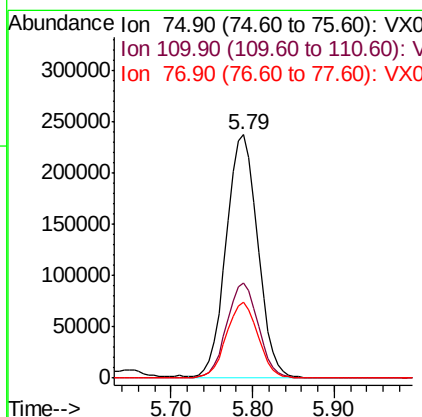
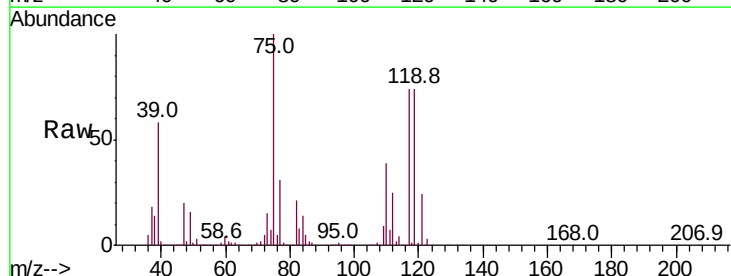
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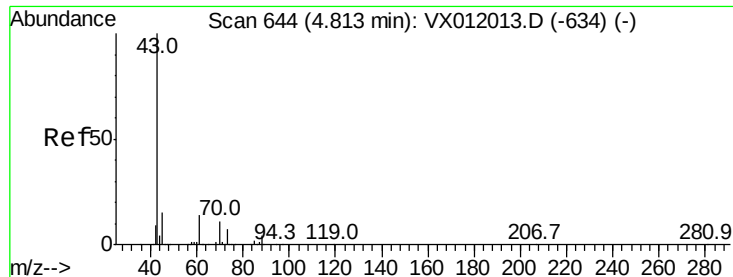
sam
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#36
1,1-Dichloropropene
Concen: 152.343 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.5	58.5
77	31.0	24.6	37.0





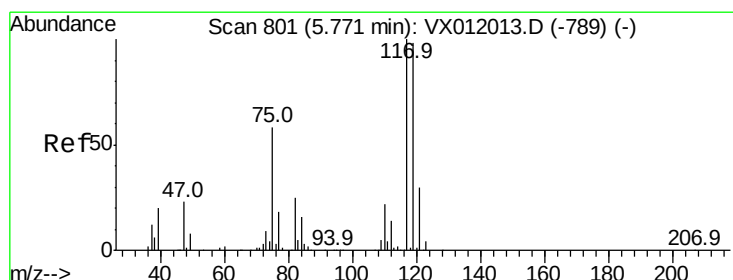
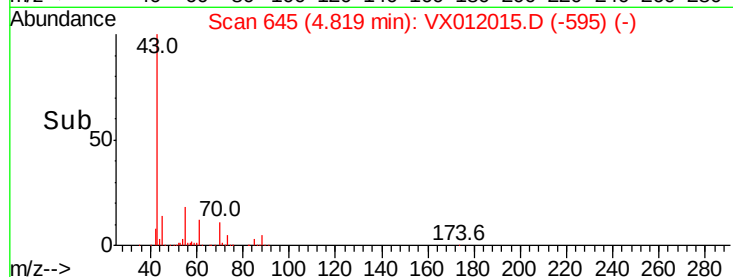
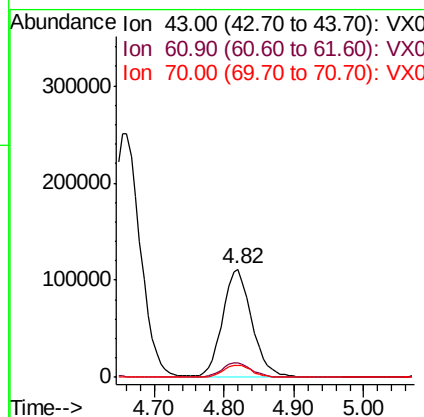
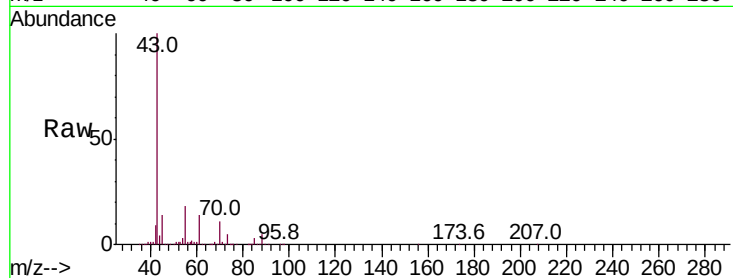
#37
Ethyl Acetate
Concen: 133.609 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	43	Ratio	61	70	Resp	Lower	Upper
43	100						
61	13.4		10.9	16.3			
70	11.3		9.4	14.0			

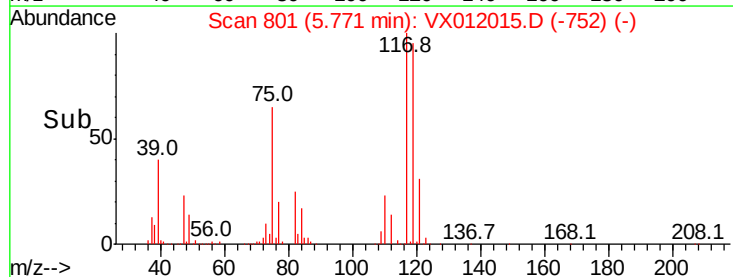
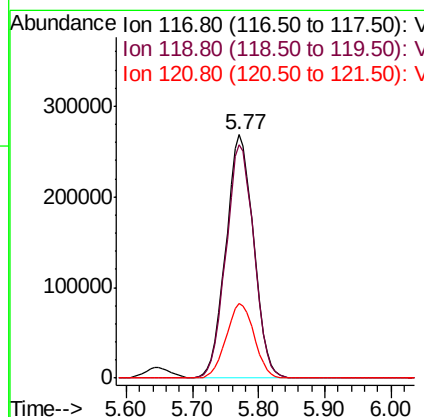
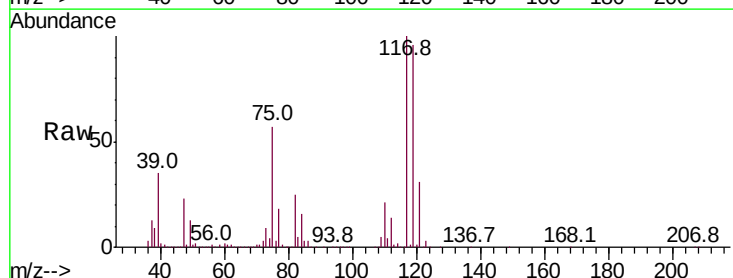
Manual Integrations
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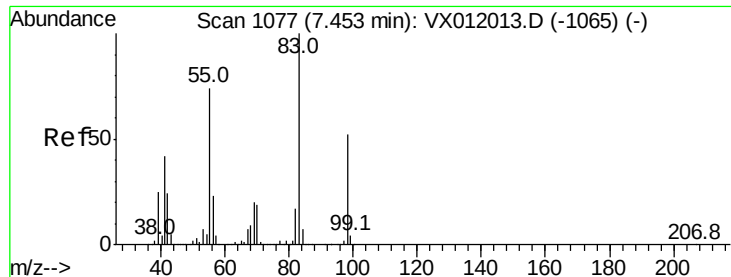
sam
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#38
Carbon Tetrachloride
Concen: 159.867 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion	117	Ratio	119	121	Resp	Lower	Upper
117	100						
119	95.7		78.3	117.5			
121	30.5		24.2	36.2			





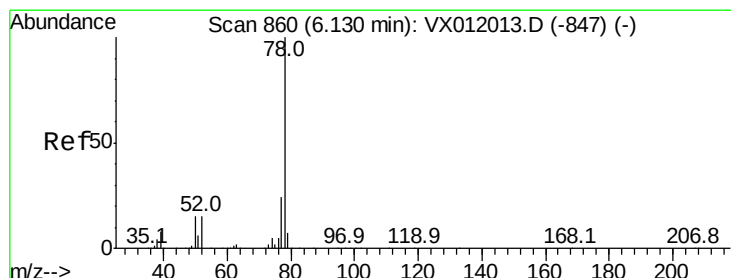
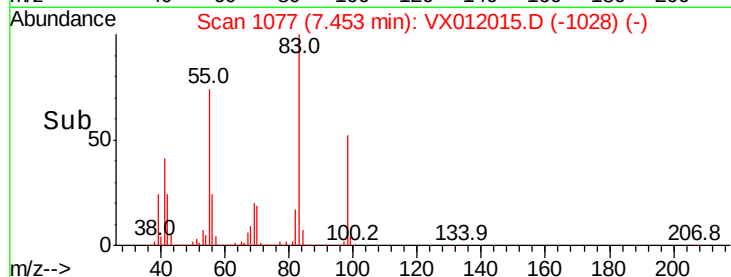
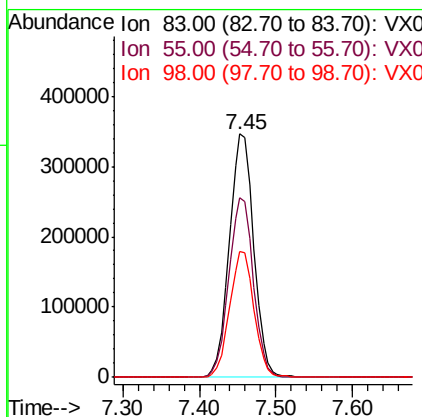
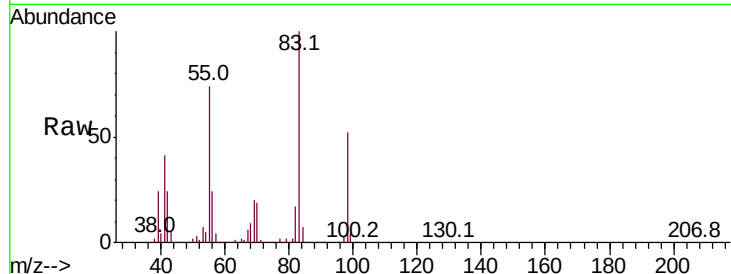
#39
Methylvlcyclohexane
Concen: 152.934 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	763760		
55	73.9		59.6	89.4
98	51.6		41.4	62.0

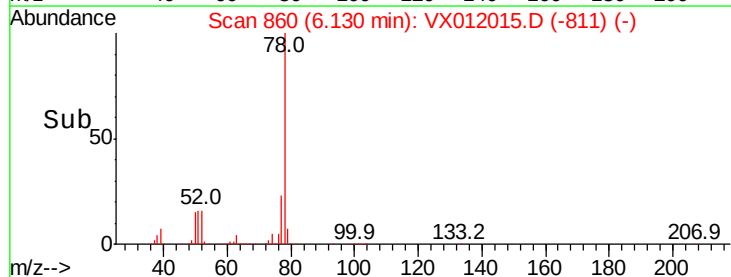
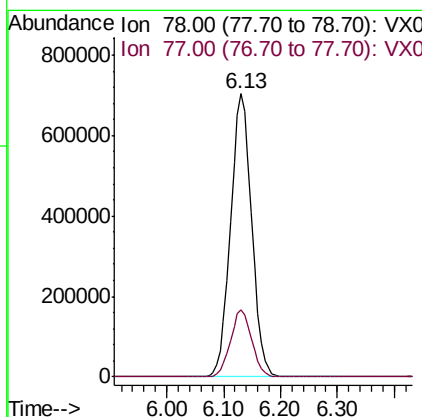
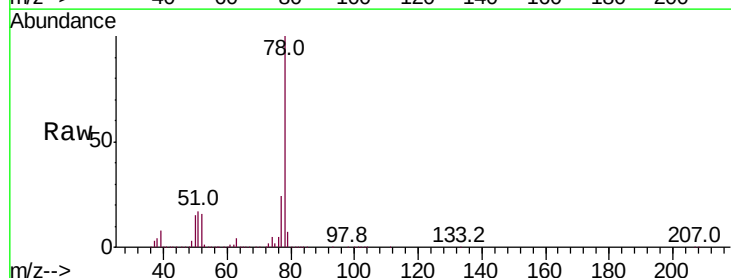
Manual Integrations
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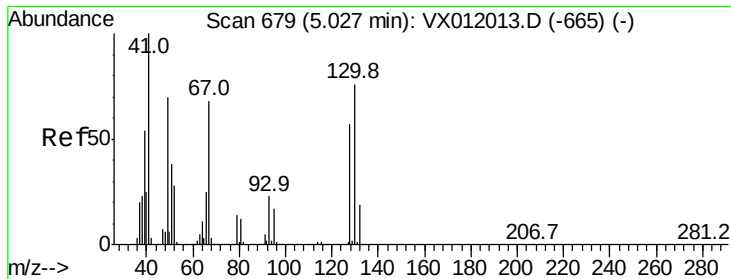
sam
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#40
Benzene
Concen: 148.016 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1823648		
77	23.8		19.3	28.9





#41

Methacrylonitrile

Concen: 135.299 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

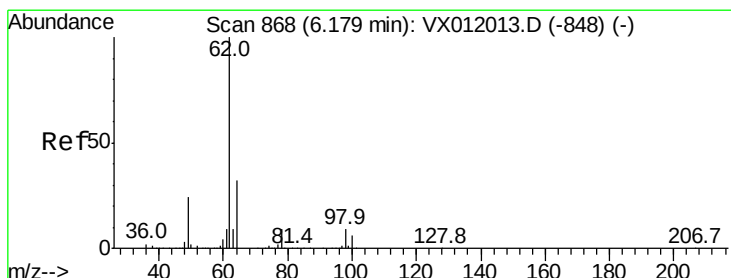
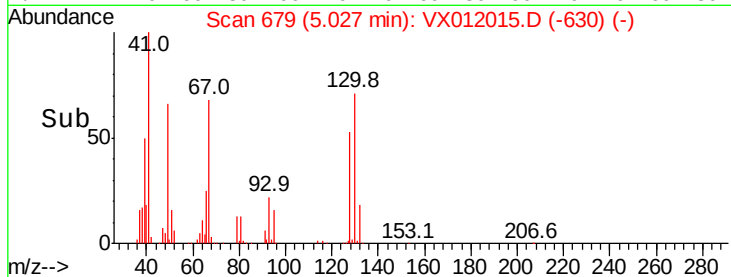
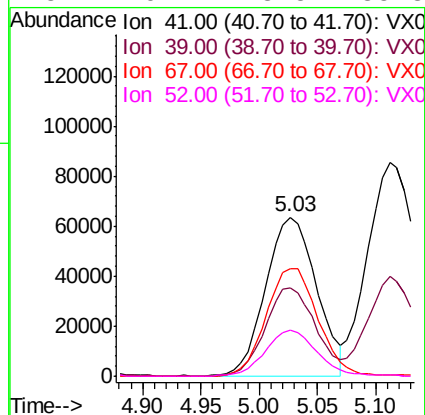
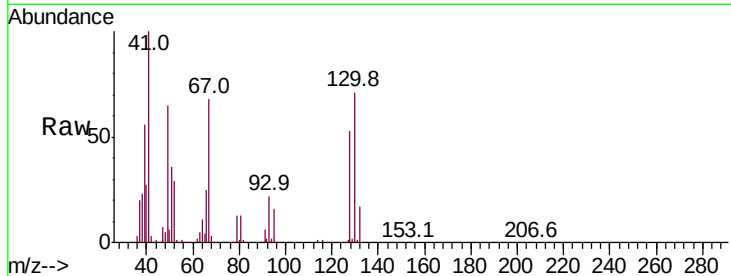
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	46.7	70.1	
67	69.8	57.0	85.6	
52	29.2	23.5	35.3	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 145.296 ug/l

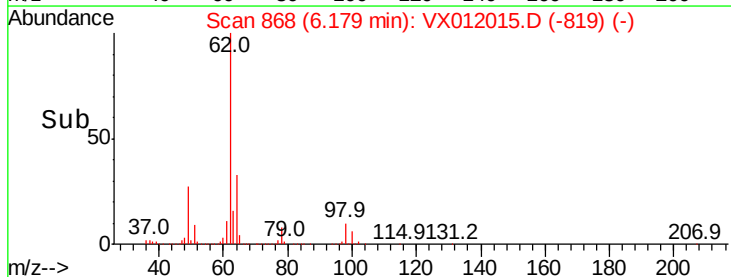
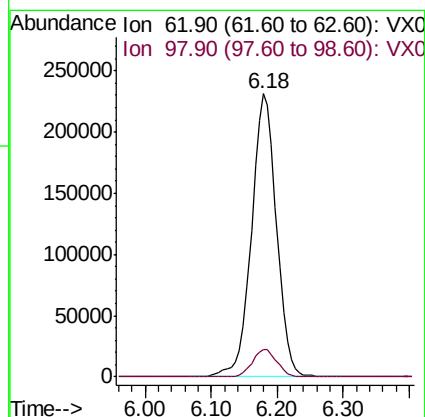
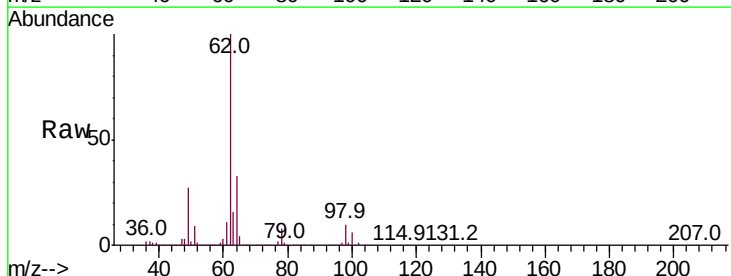
RT: 6.18 min Scan# 868

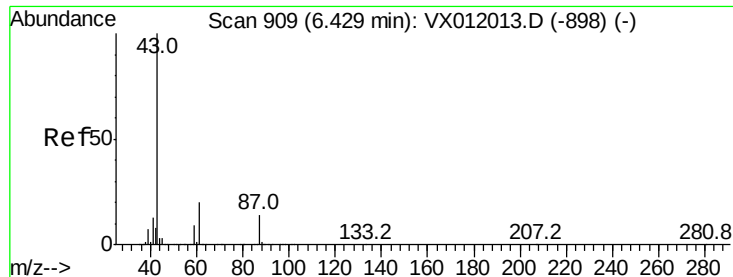
Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	19.2	





#43

Isopropyl Acetate

Concen: 134.613 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

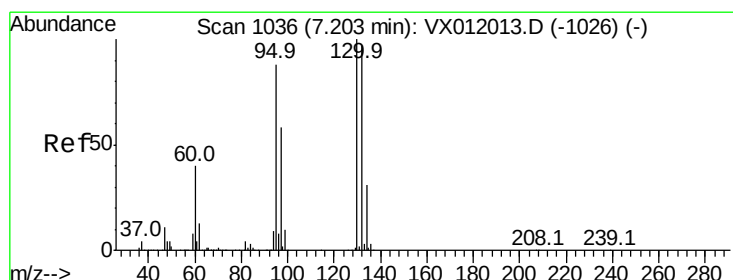
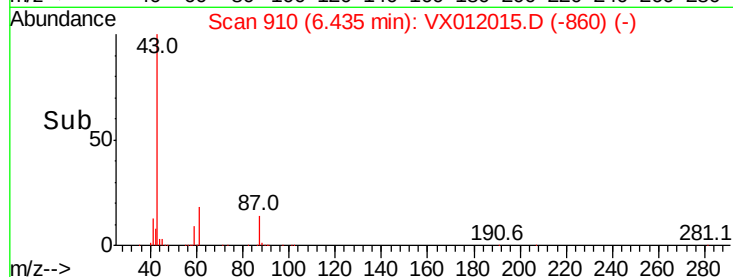
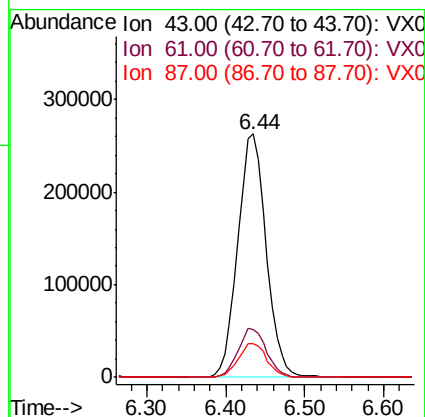
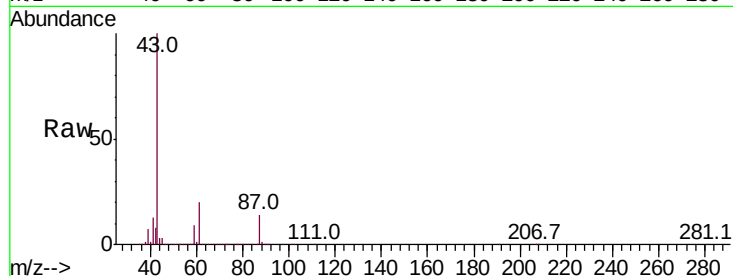
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	656942
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.1	24.1
87	14.1	11.3	16.9

Manual Integrations
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sam
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#44

Trichloroethene

Concen: 156.196 ug/l

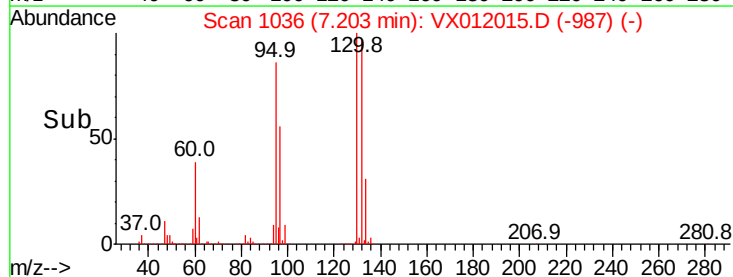
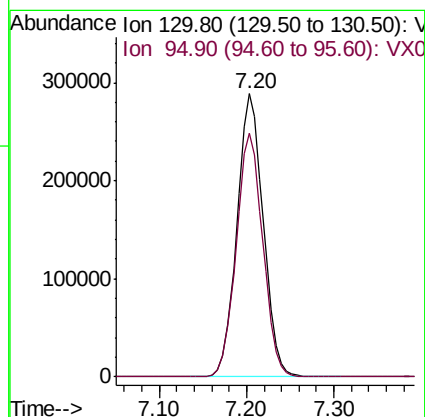
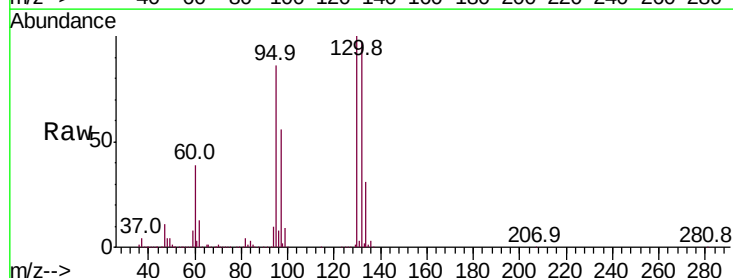
RT: 7.20 min Scan# 1036

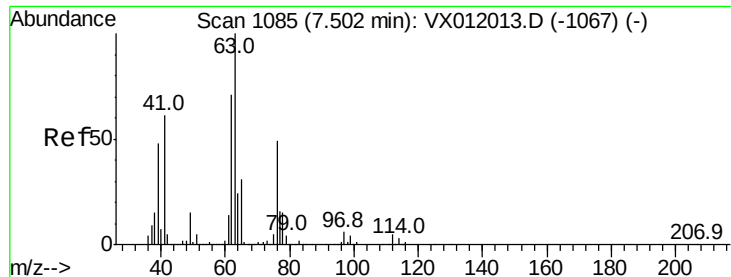
Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion:	130	Resp:	603504
Ion Ratio	Lower	Upper	
130	100		
95	86.0	0.0	176.4





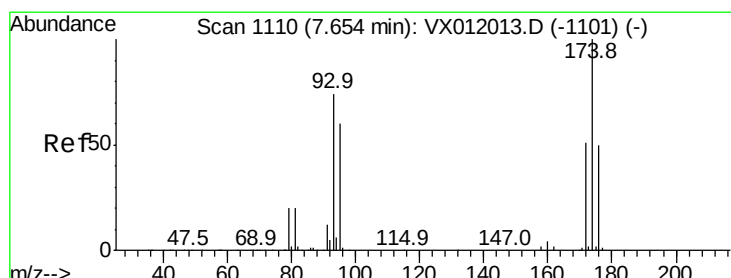
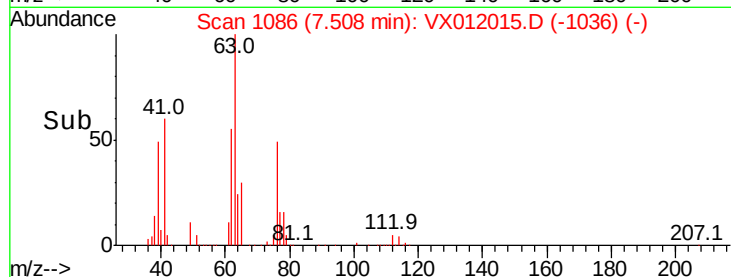
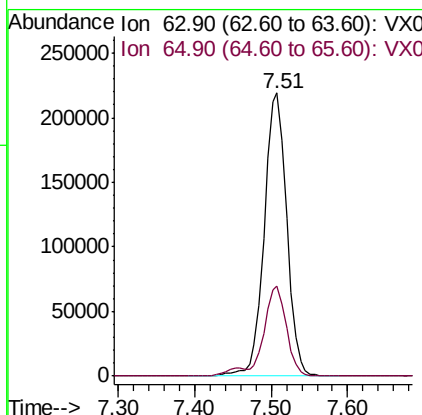
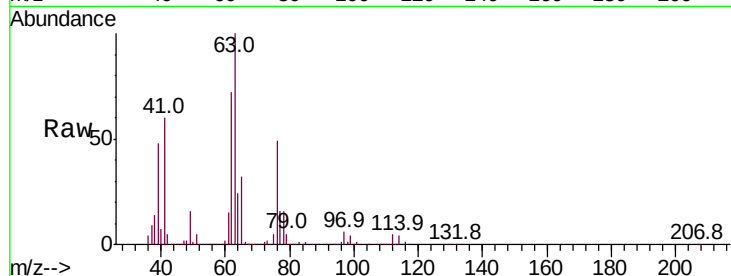
#45
 1,2-Dichloropropane
 Concen: 141.166 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 452383
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.6

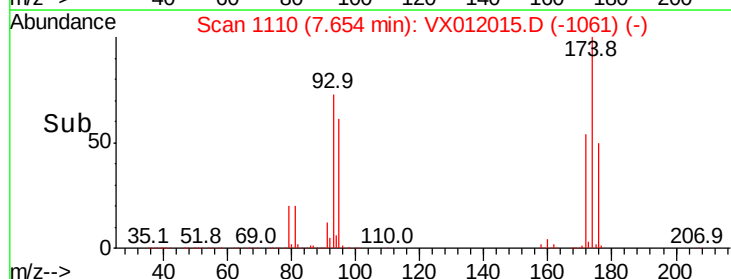
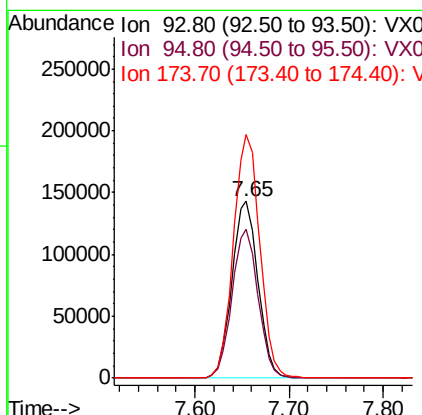
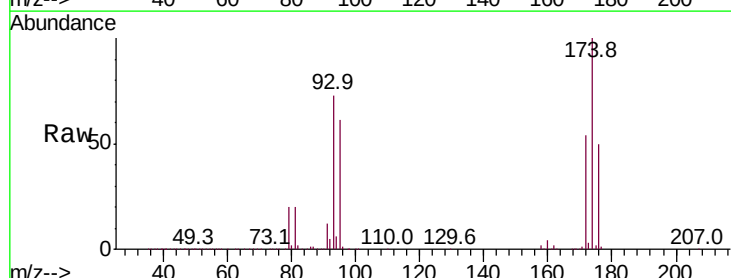
Manual Integrations
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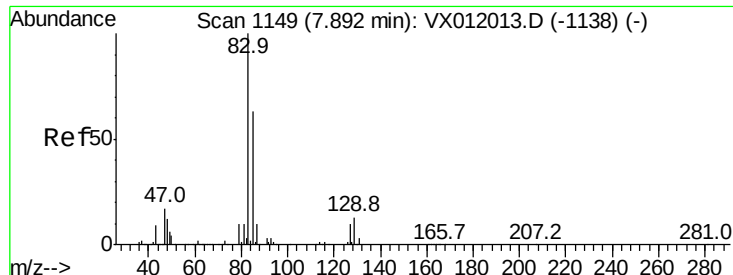
sam
 9/3/2019 2:15:55 PM



#46
 Dibromomethane
 Concen: 144.428 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion: 93 Resp: 275919
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.2 99.2
 174 139.3 110.2 165.4





#47

Bromodichloromethane

Concen: 147.297 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

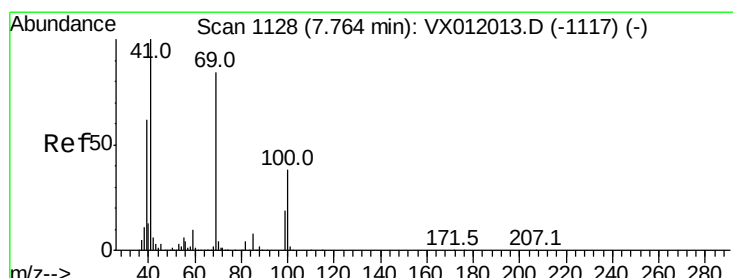
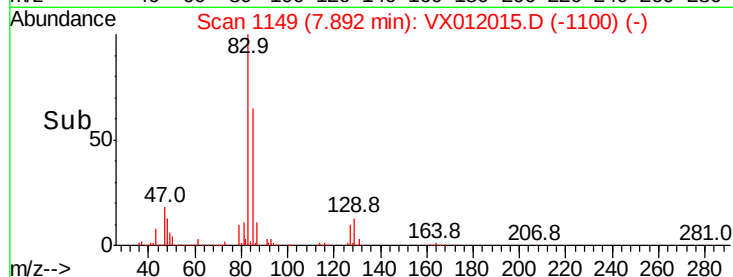
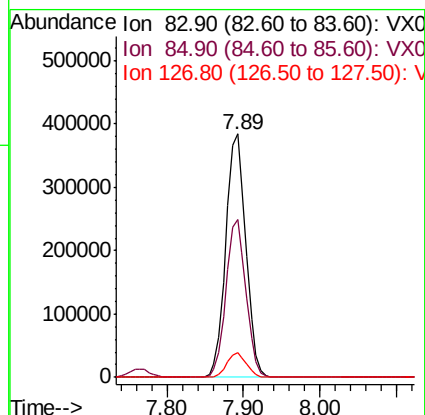
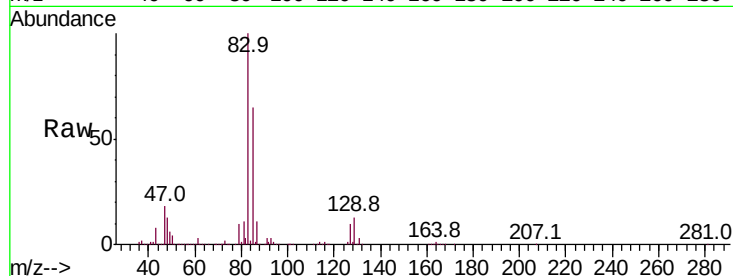
ClientSampled :

VSTDIC150

Tot Ion:	83	Resp:	696651
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.3	75.5
127	10.1	8.1	12.1

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#48

Methyl methacrylate

Concen: 138.828 ug/l

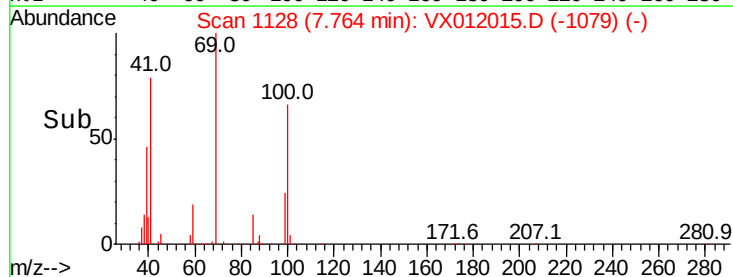
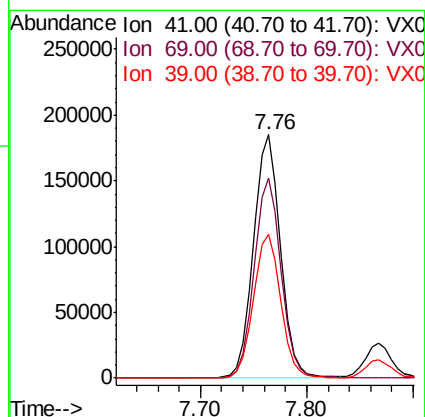
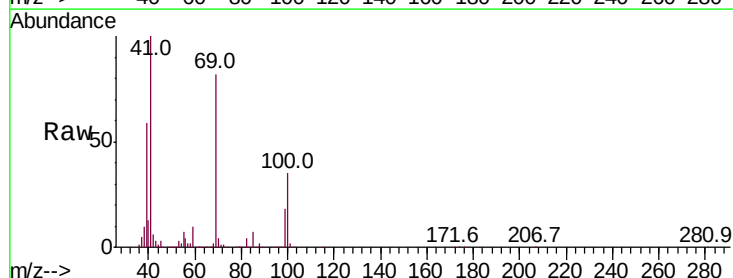
RT: 7.76 min Scan# 1128

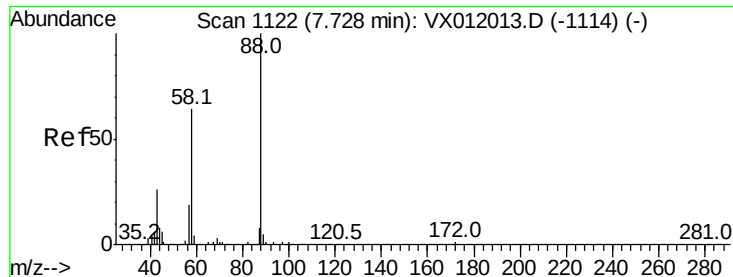
Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion:	41	Resp:	329640
Ion	Ratio	Lower	Upper
41	100		
69	82.0	66.3	99.5
39	59.5	48.1	72.1





#49

1,4-Dioxane

Concen: 2796.818 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

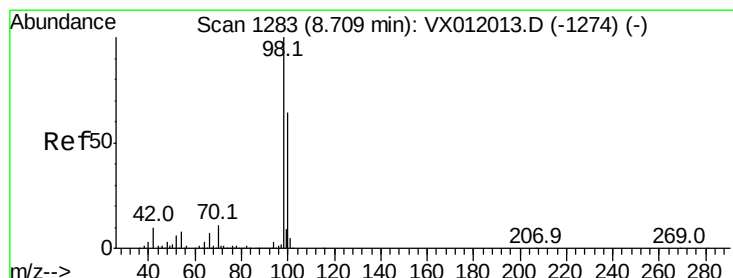
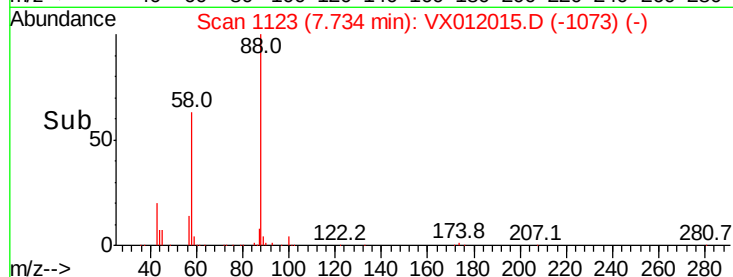
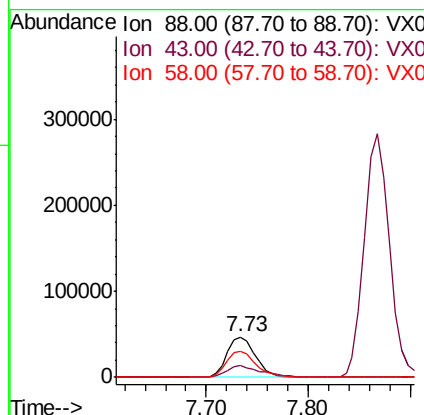
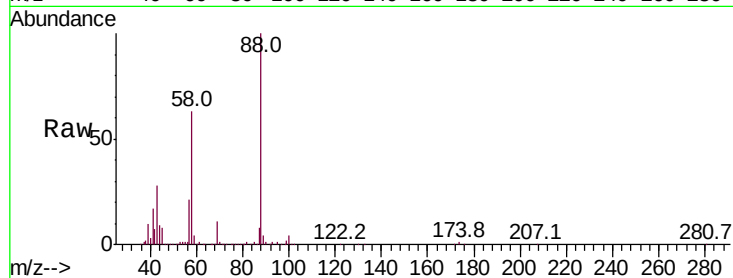
ClientSampleId :

VSTDIC150

Tot Ion:	88	Resp:	90832
Ion Ratio	Lower	Upper	
88	100		
43	34.9	29.8	44.6
58	67.2	55.4	83.2

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#50

Toluene-d8

Concen: 143.989 ug/l

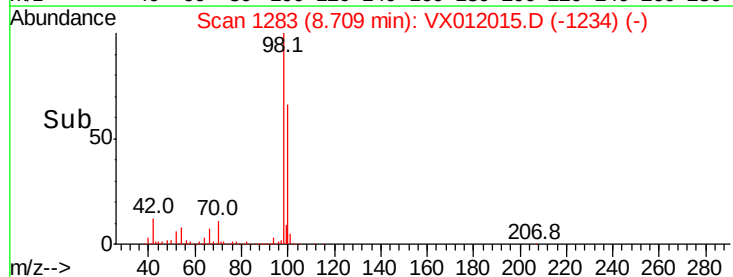
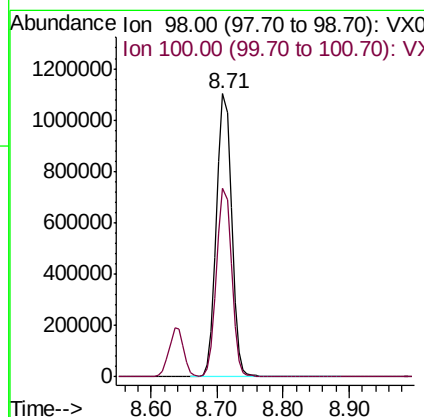
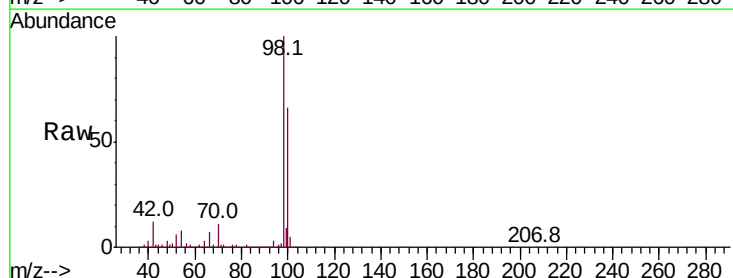
RT: 8.71 min Scan# 1283

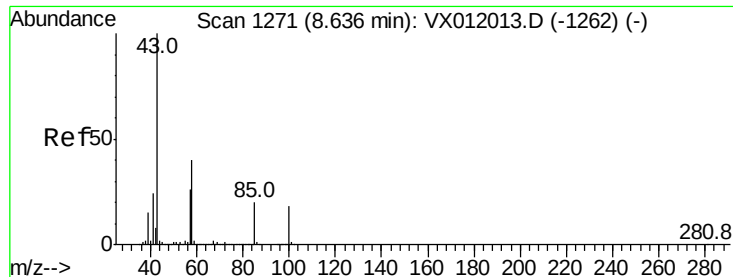
Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion:	98	Resp:	1750334
Ion Ratio	Lower	Upper	
98	100		
100	66.7	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 660.615 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tot Ion: 43 Resp: 1634662

Ion Ratio Lower Upper

43 100

58 39.5 31.5 47.3

Instrument :

MSVOA_X

ClientSampled :

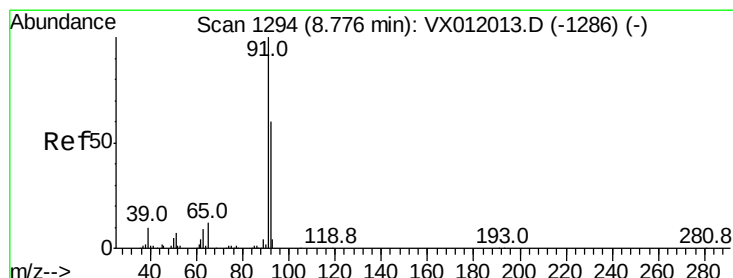
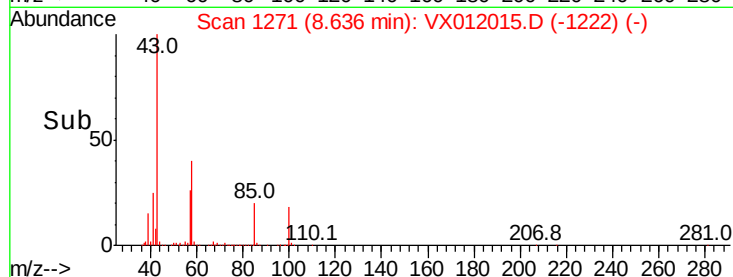
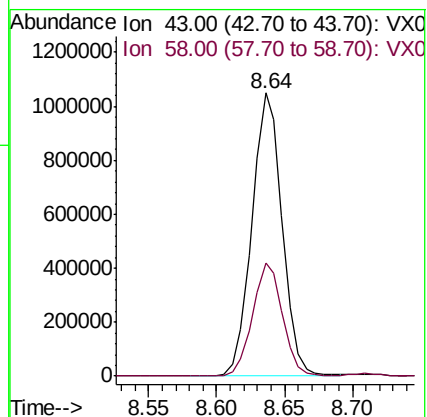
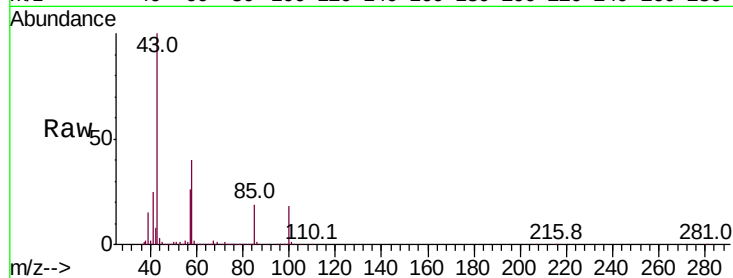
VSTDIC150

Manual Integrations

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#52

Toluene

Concen: 151.290 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX012015.D

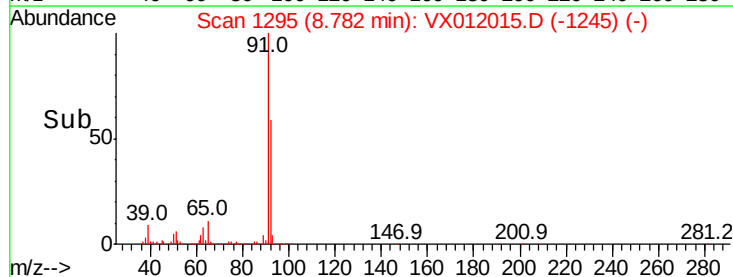
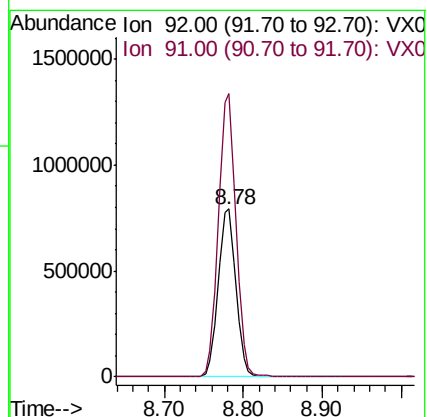
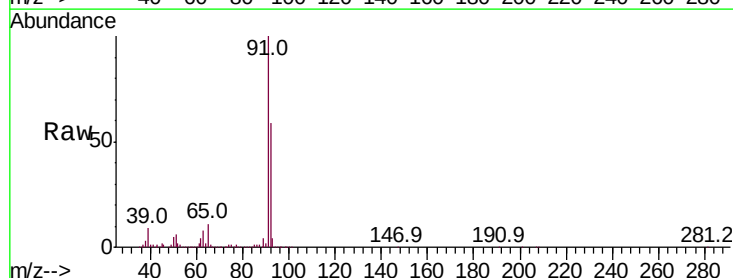
Acq: 02 Sep 2019 14:42

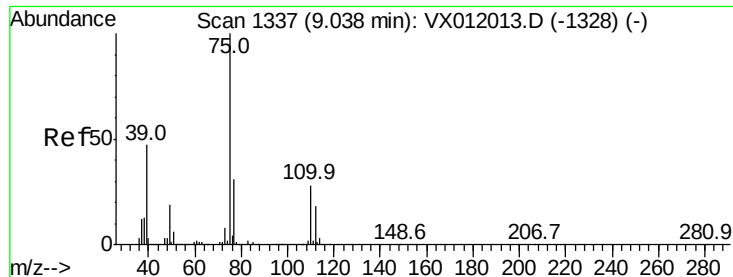
Tgt Ion: 92 Resp: 1238418

Ion Ratio Lower Upper

92 100

91 168.3 136.0 204.0





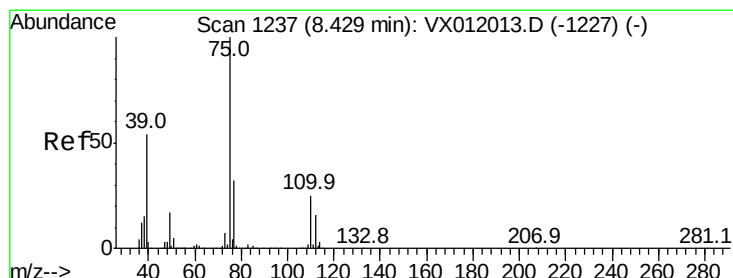
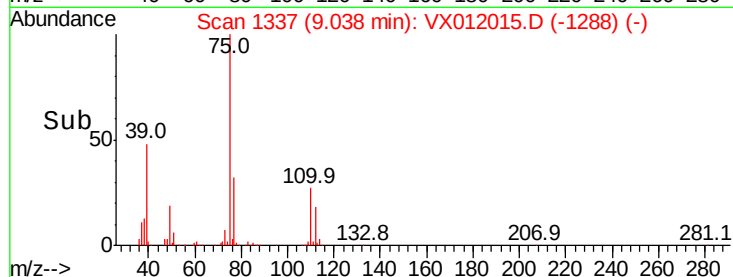
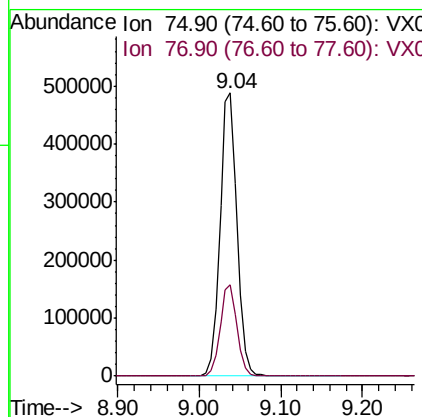
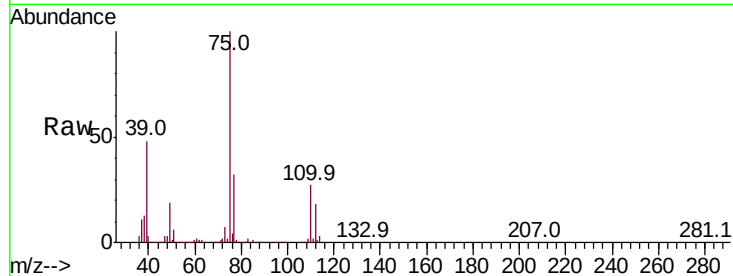
#53
 t-1,3-Dichloropropene
 Concen: 147.029 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7

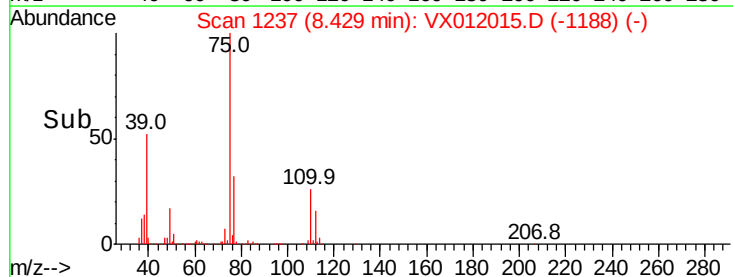
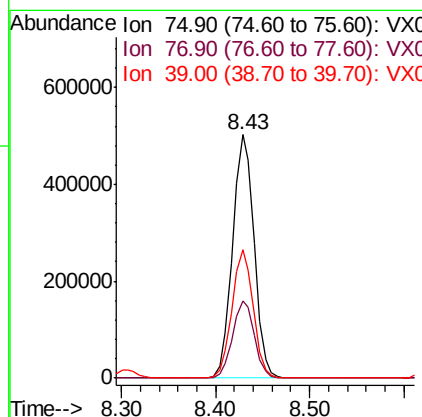
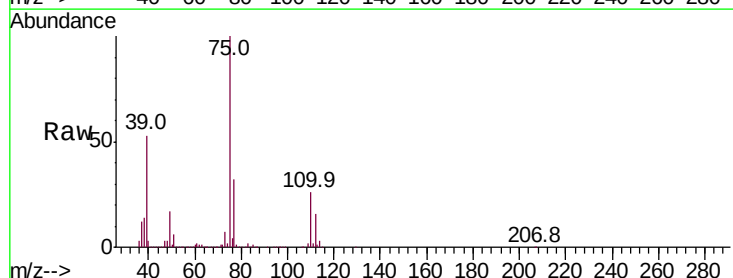
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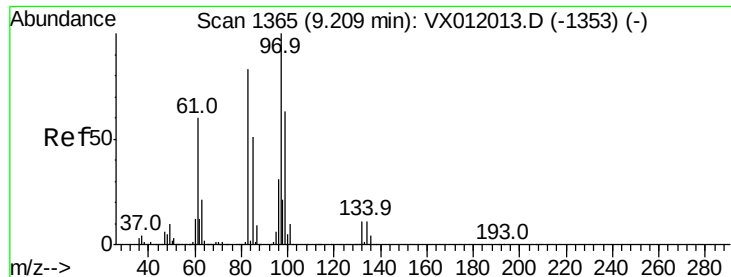
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 146.175 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3
39	52.4	43.0	64.4





#55

1,1,2-Trichloroethane

Concen: 141.750 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

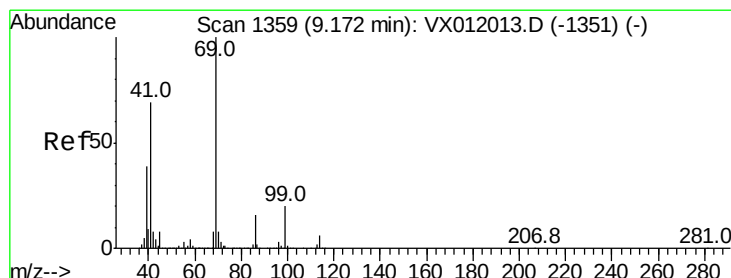
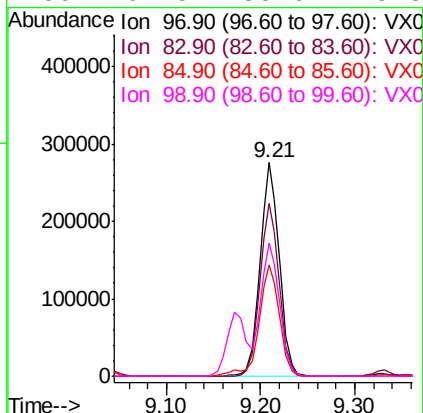
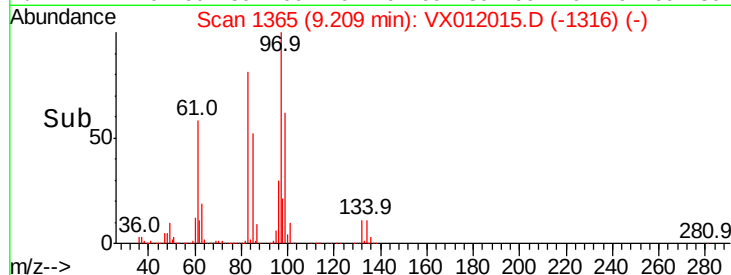
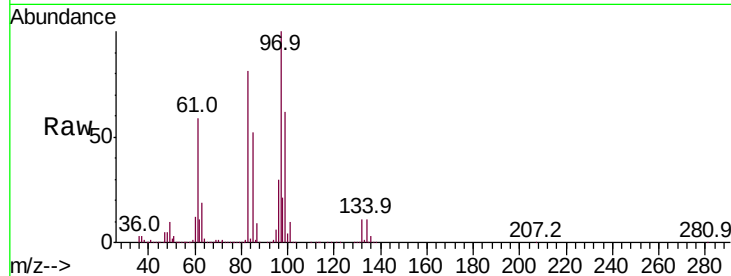
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
97	100	396196		
83	81.0	66.0	99.0	
85	52.2	41.0	61.6	
99	62.5	50.6	75.8	

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#56

Ethyl methacrylate

Concen: 142.347 ug/l

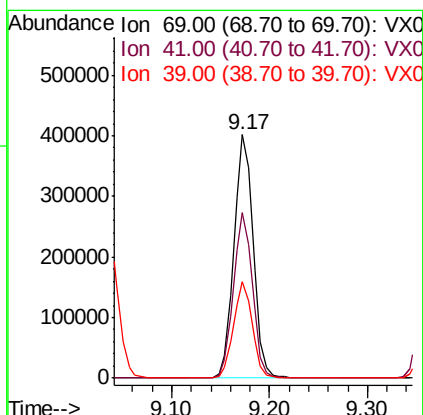
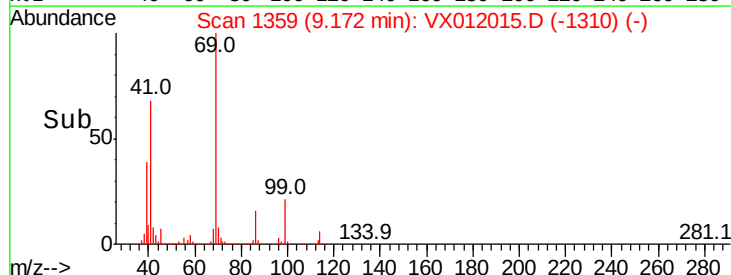
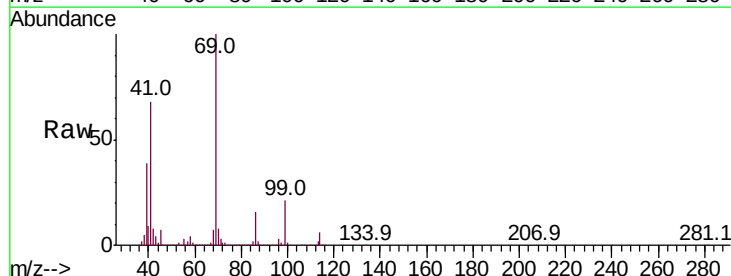
RT: 9.17 min Scan# 1359

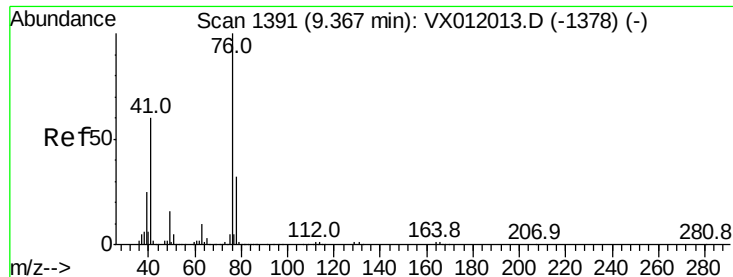
Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	548267		
41	67.3	53.9	80.9	
39	38.6	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 140.011 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 76 Resp: 648223

Ion Ratio Lower Upper

76 100

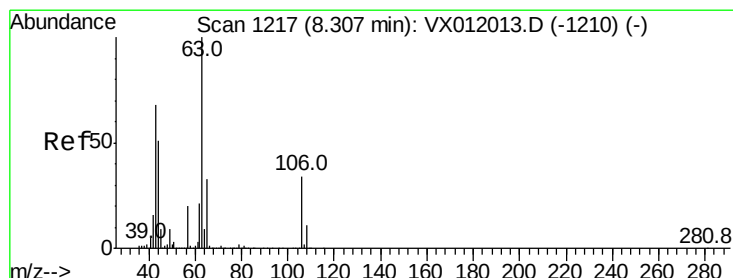
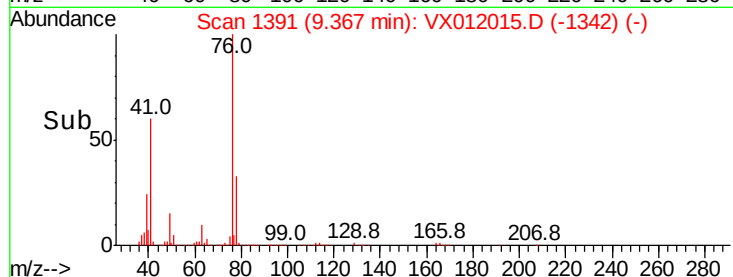
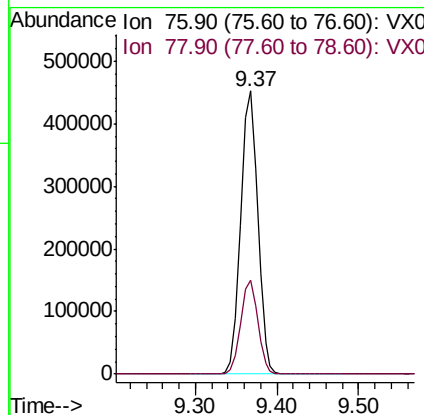
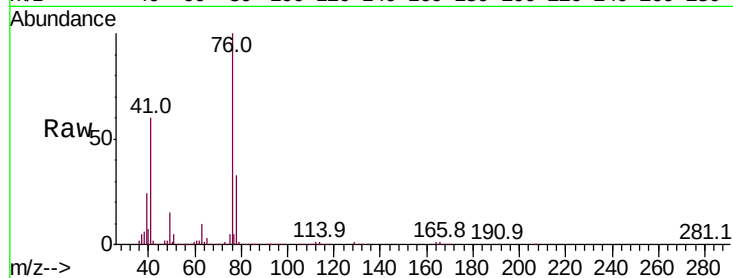
78 32.9 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 645.946 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012015.D

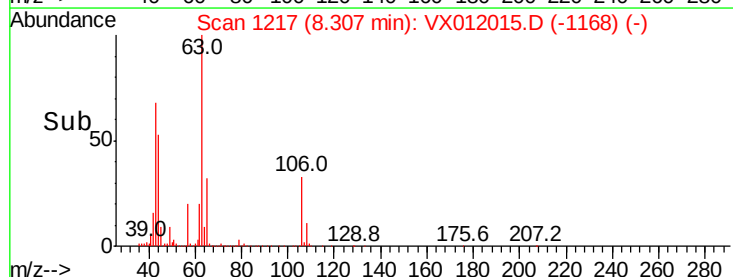
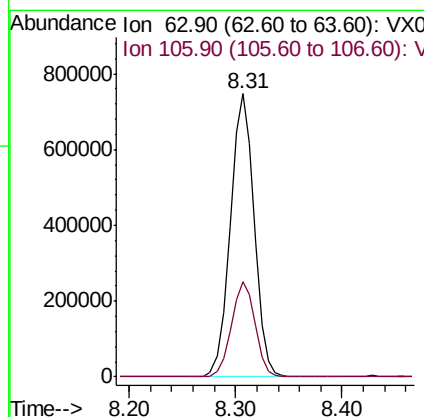
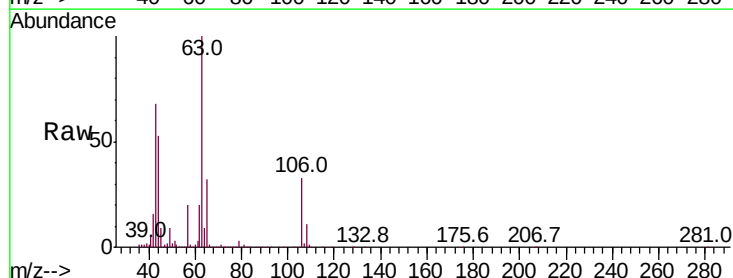
Acq: 02 Sep 2019 14:42

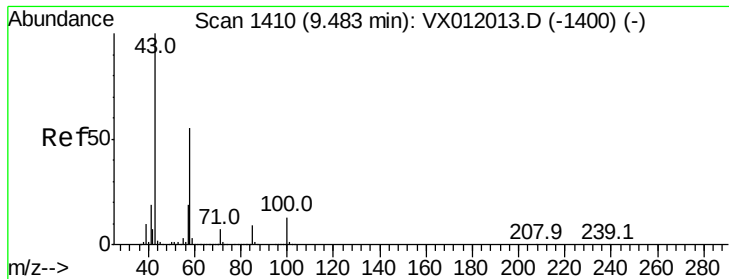
Tgt Ion: 63 Resp: 1166320

Ion Ratio Lower Upper

63 100

106 33.4 26.5 39.7





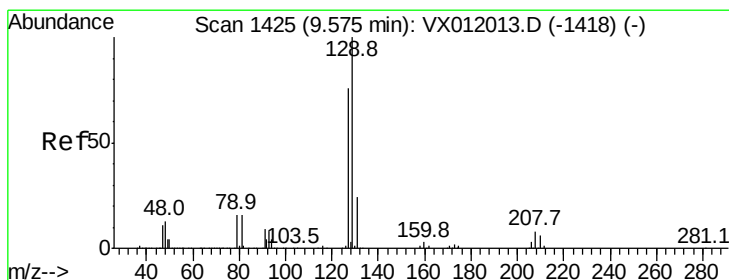
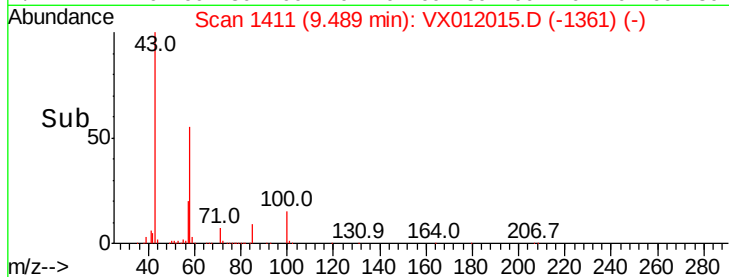
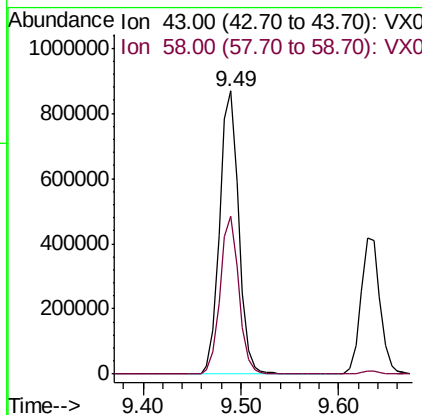
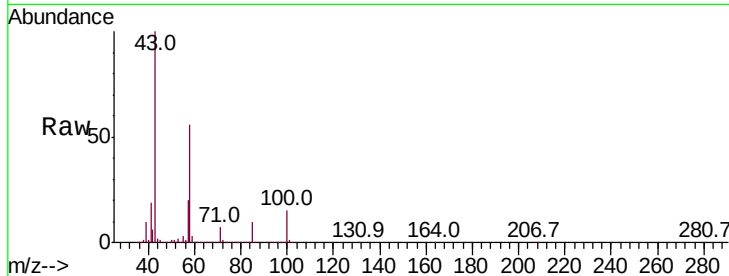
#59
2-Hexanone
Concen: 665.777 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1171106
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.6

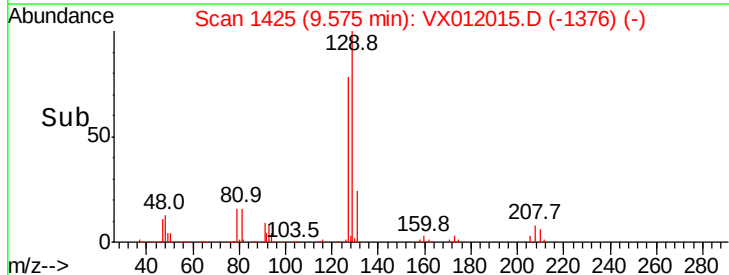
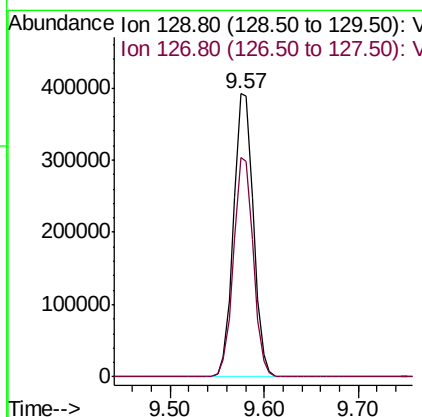
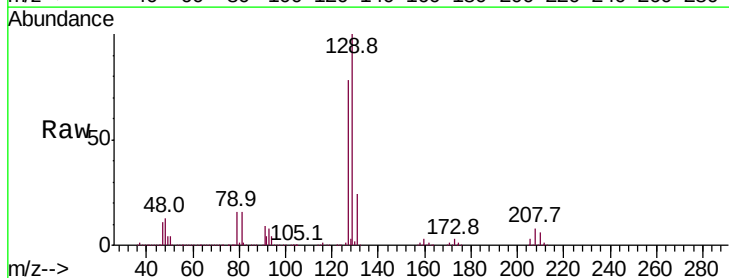
Manual Integrations
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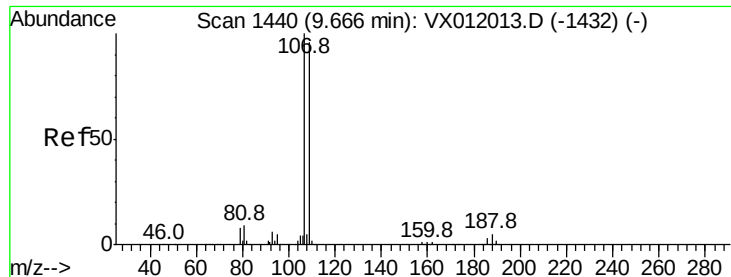
sam
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#60
Dibromochloromethane
Concen: 152.291 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion: 129 Resp: 573131
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.5





#61

1,2-Dibromoethane

Concen: 147.049 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:107 Resp: 407532

Ion Ratio Lower Upper

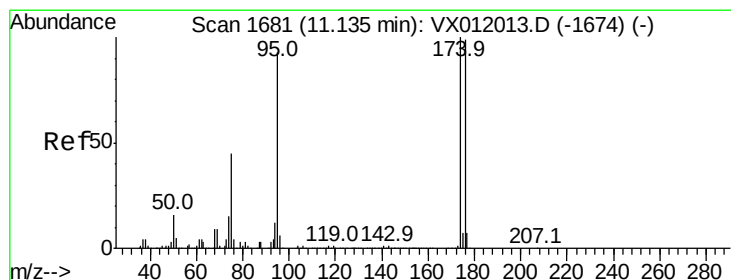
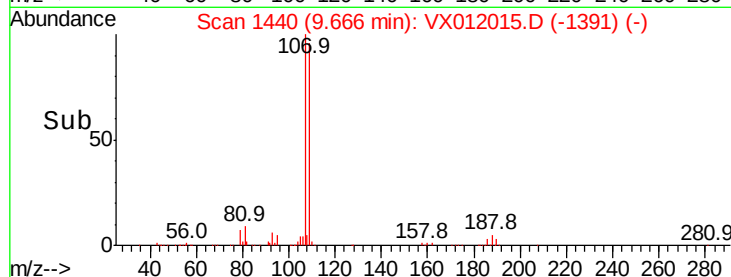
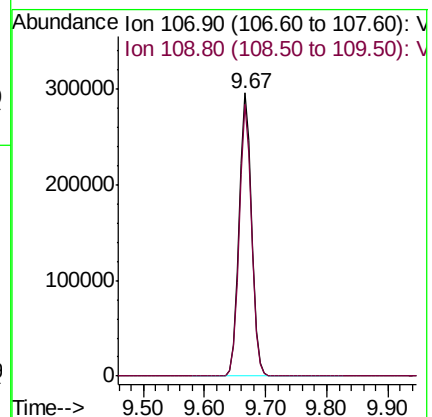
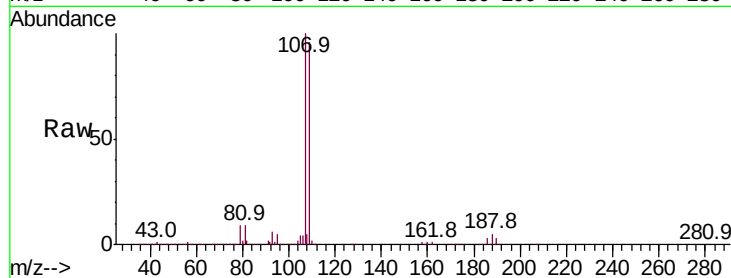
107 100

109 94.8 76.9 115.3

Manual Integrations
APPROVED

sam

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#62

4-Bromofluorobenzene

Concen: 135.072 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

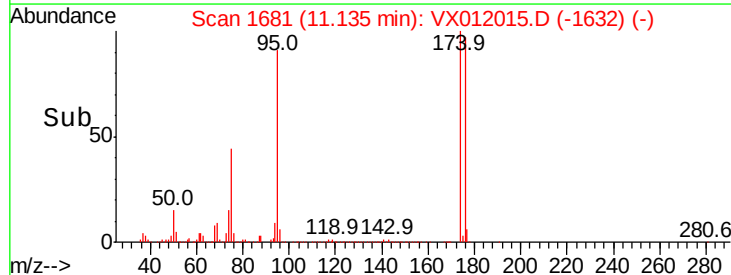
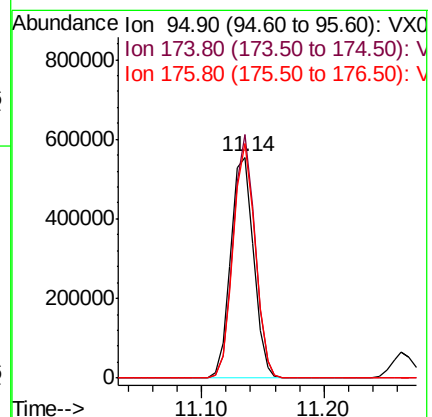
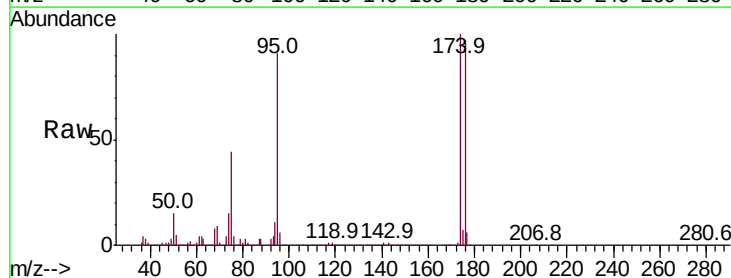
Tgt Ion: 95 Resp: 717783

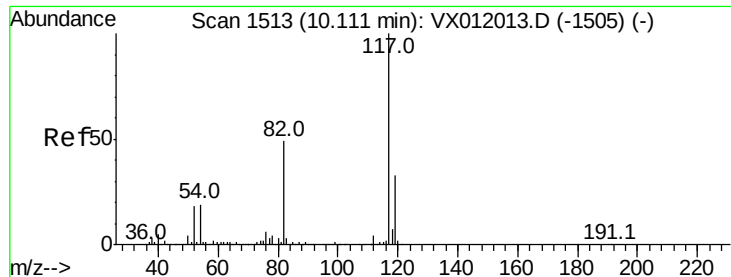
Ion Ratio Lower Upper

95 100

174 104.9 0.0 205.4

176 102.1 0.0 201.8





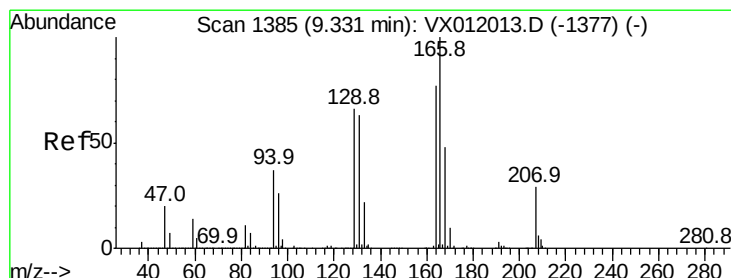
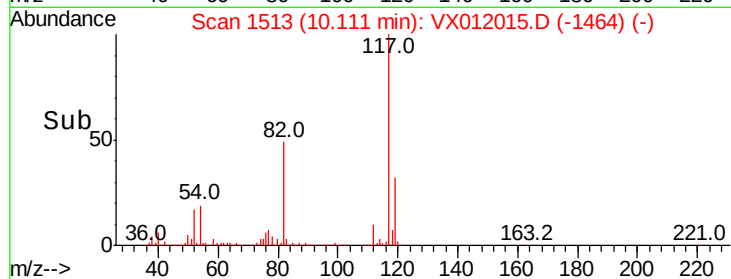
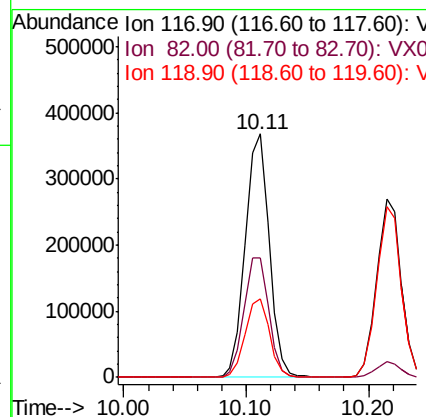
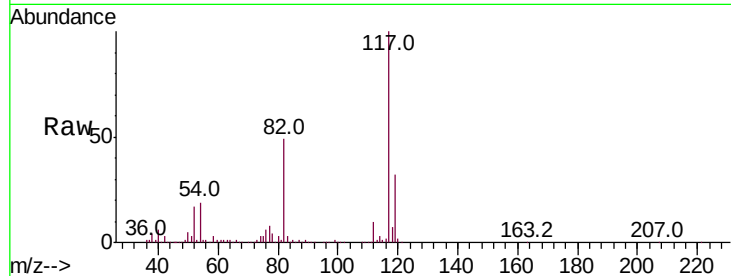
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	501018		
82	49.1		39.4	59.0
119	32.5		26.1	39.1

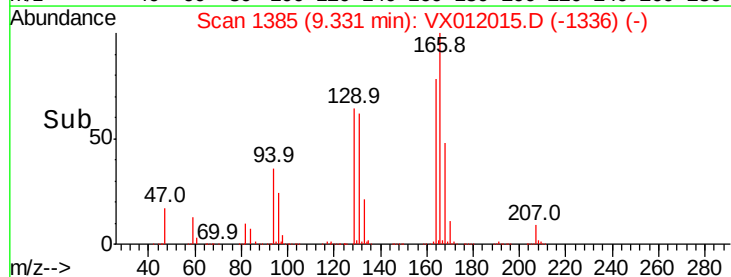
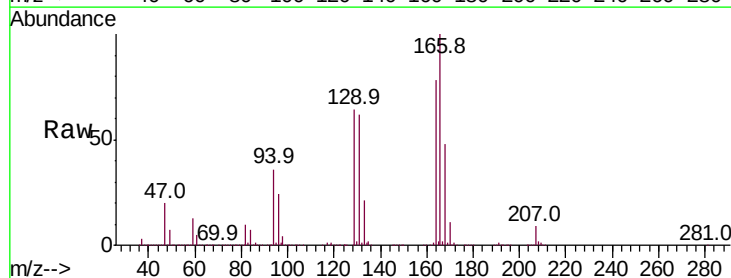
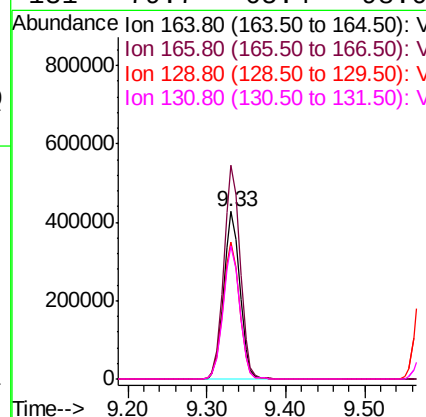
Manual Integrations
APPROVED

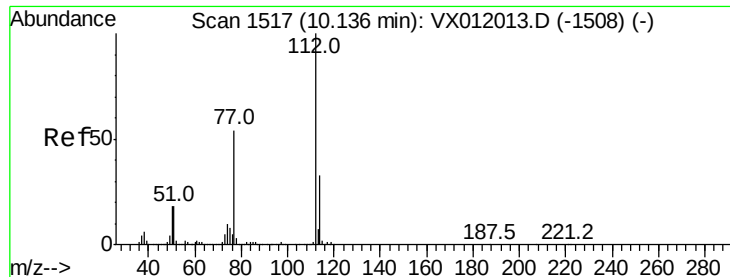
sam
9/3/2019 2:15:55 PM



#64
Tetrachloroethene
Concen: 152.790 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	618098		
166	127.6		104.3	156.5
129	82.1		68.3	102.5
131	79.7		65.4	98.0





#65

Chlorobenzene

Concen: 149.309 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 1442432

Ion Ratio Lower Upper

112 100

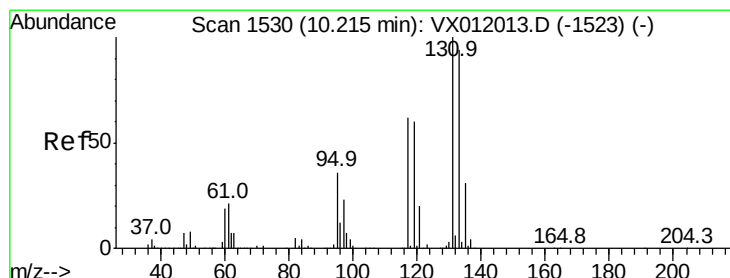
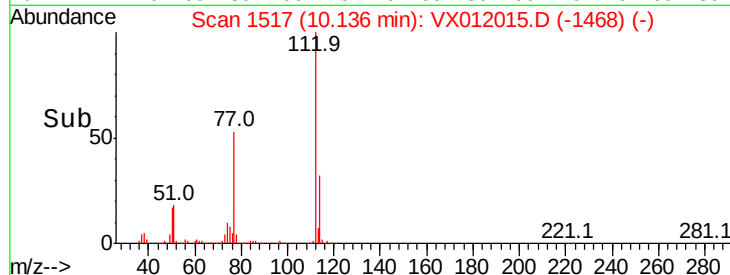
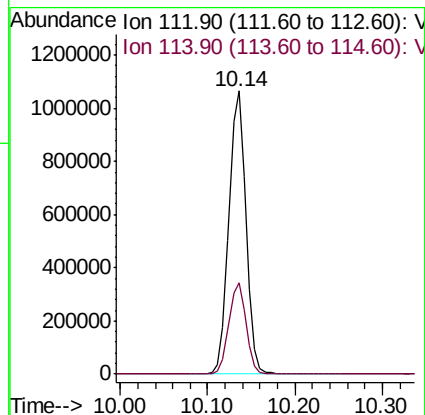
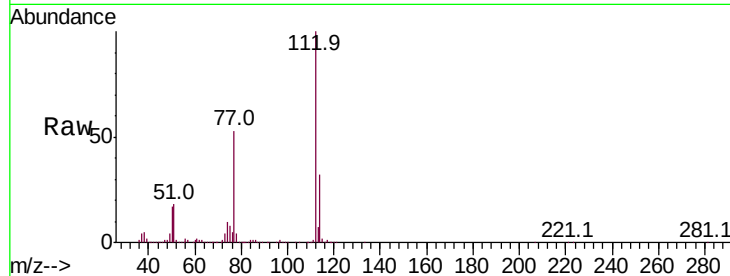
114 32.5 26.2 39.2

Manual Integrations

APPROVED

sam

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#66

1,1,1,2-Tetrachloroethane

Concen: 152.381 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

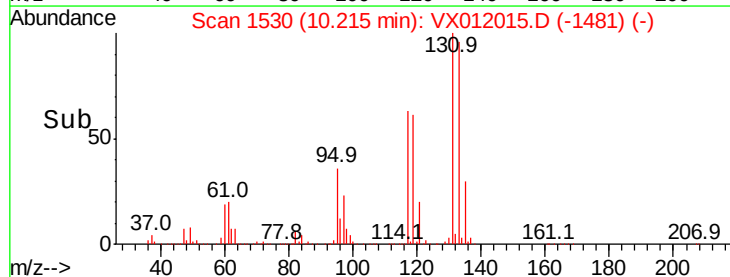
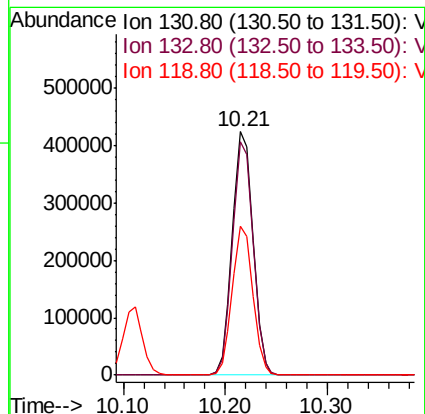
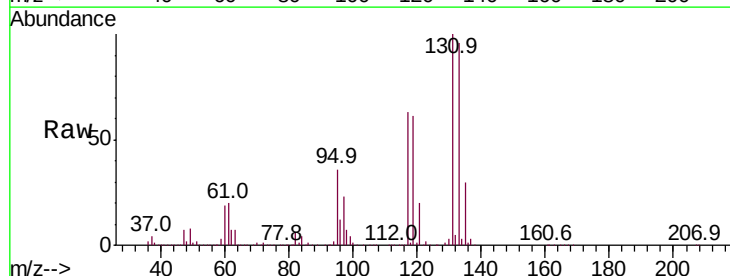
Tgt Ion:131 Resp: 594043

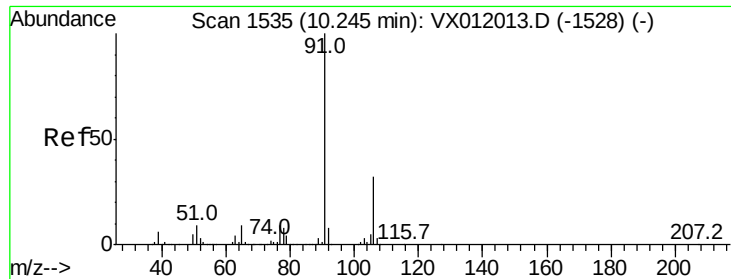
Ion Ratio Lower Upper

131 100

133 95.8 48.4 145.0

119 60.5 30.5 91.5





#67

Ethyl Benzene

Concen: 148.148 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2431318

Ion Ratio Lower Upper

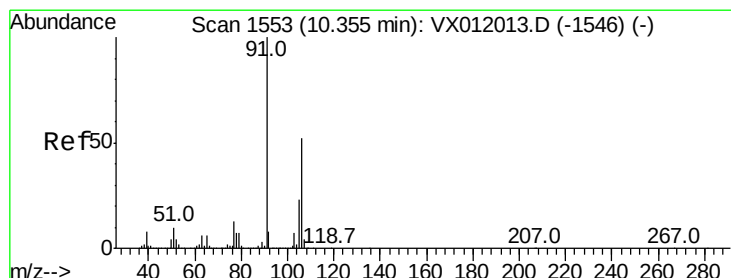
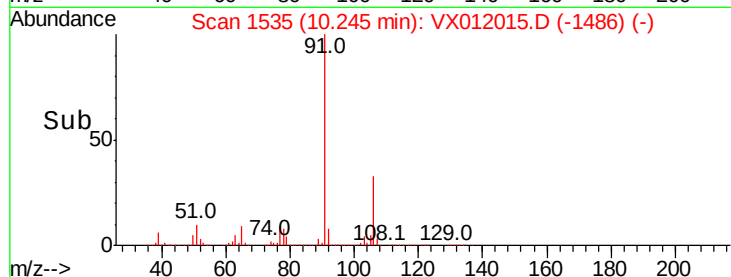
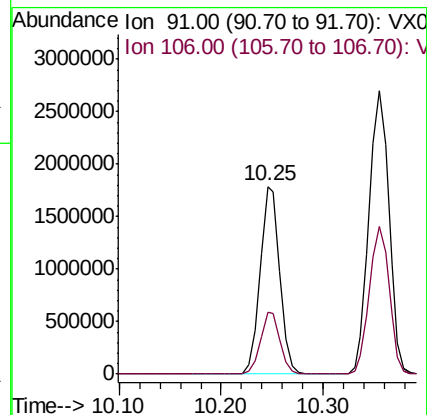
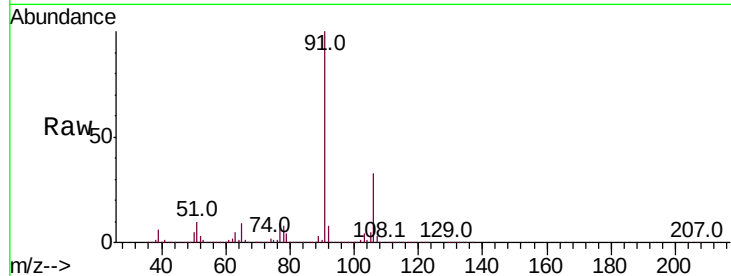
91 100

106 33.0 25.8 38.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 302.118 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012015.D

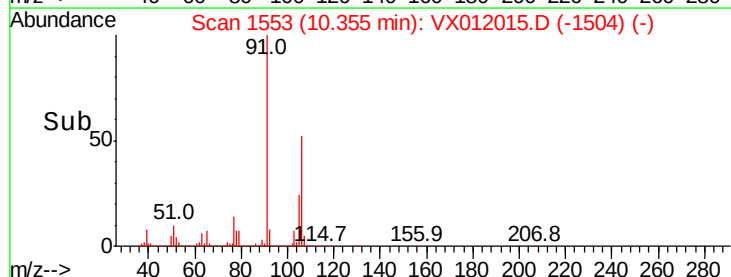
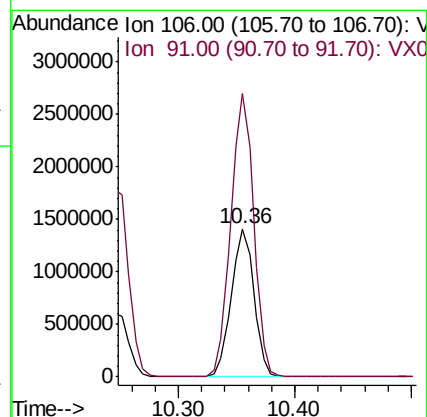
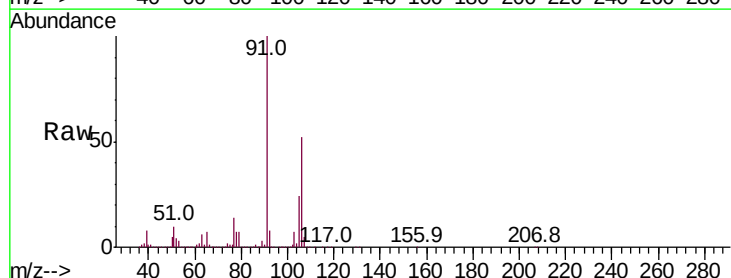
Acq: 02 Sep 2019 14:42

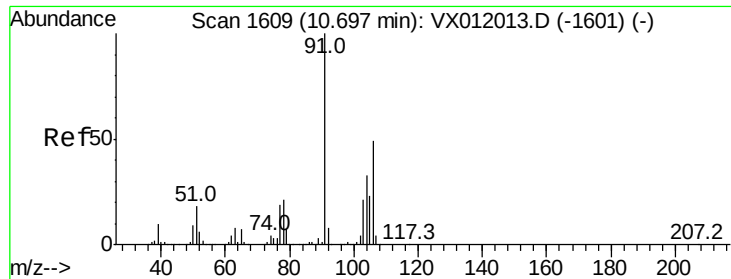
Tgt Ion: 106 Resp: 1917279

Ion Ratio Lower Upper

106 100

91 192.5 157.5 236.3





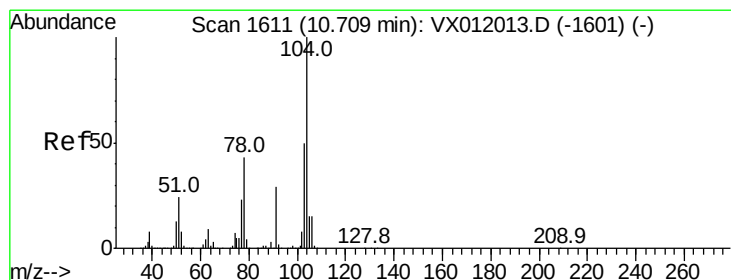
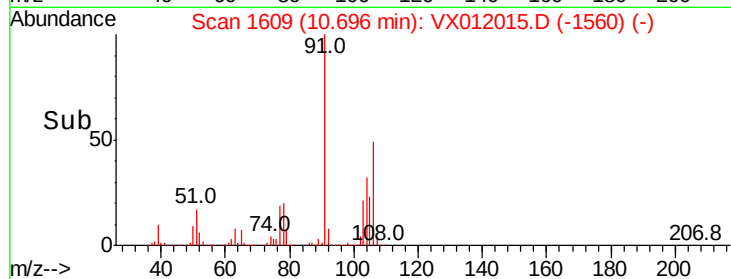
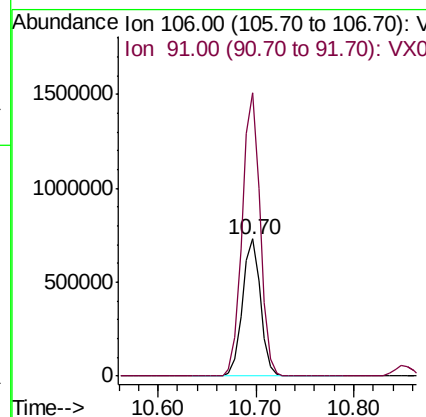
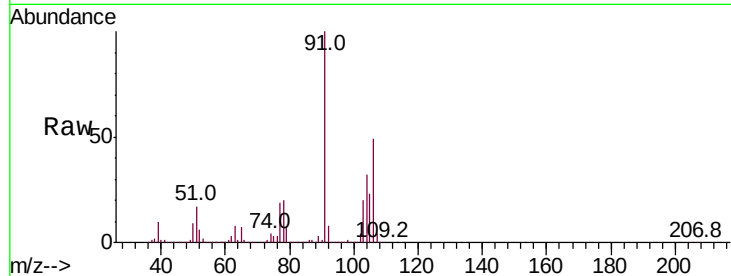
#69
o-Xylene
Concen: 151.088 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.3	103.5	310.3

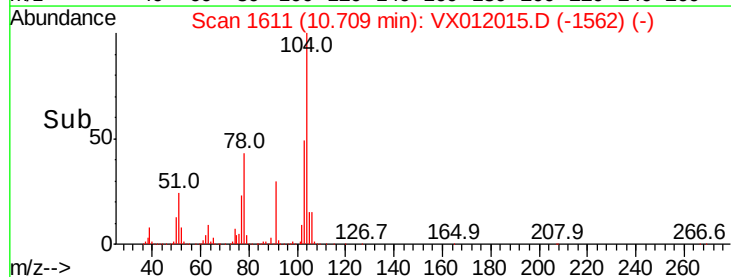
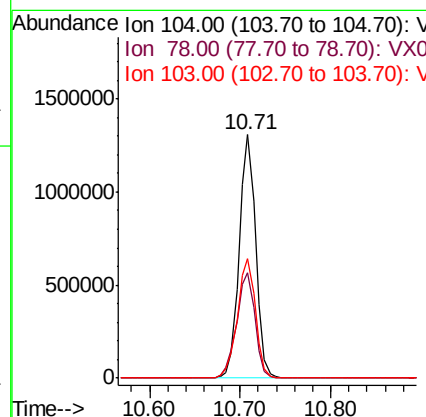
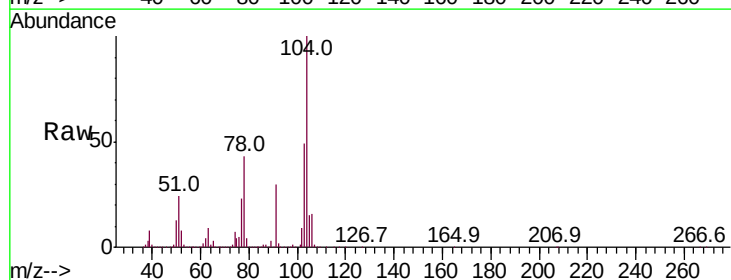
Manual Integrations
APPROVED

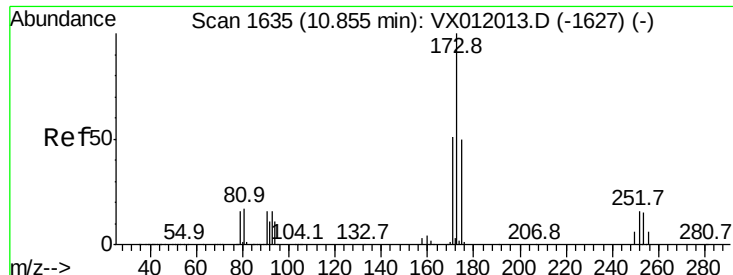
sam
9/3/2019 2:15:55 PM



#70
Styrene
Concen: 151.188 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.1	58.7
103	53.9	43.4	65.2





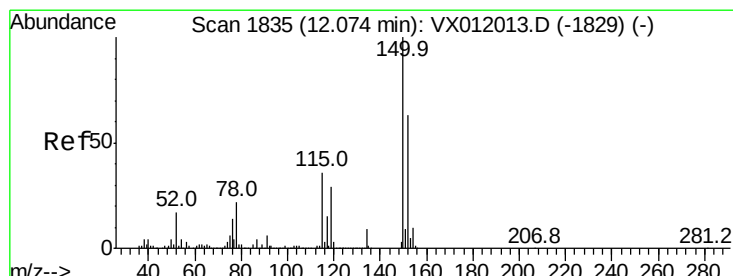
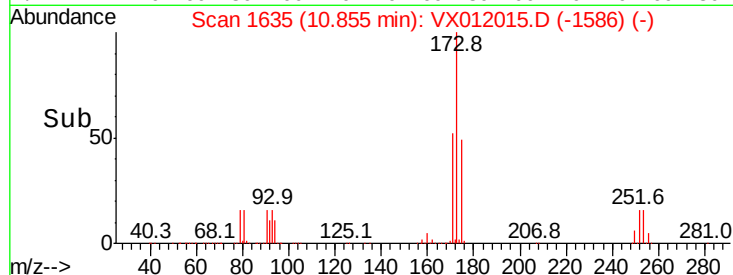
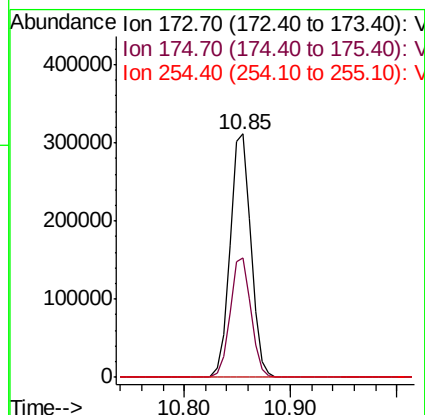
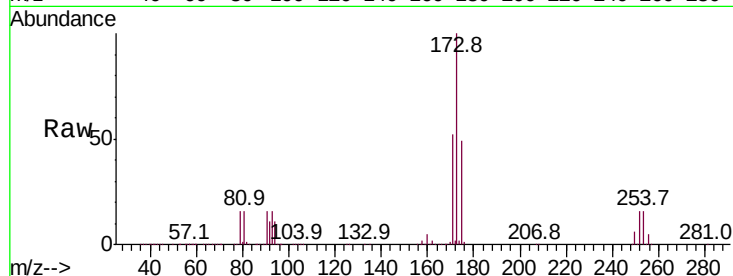
#71
Bromoform
Concen: 155.045 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
173	100			
175	49.1	24.9	74.7	
254	0.2	0.1	0.1	

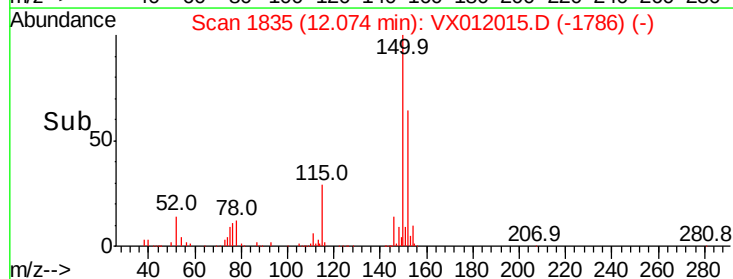
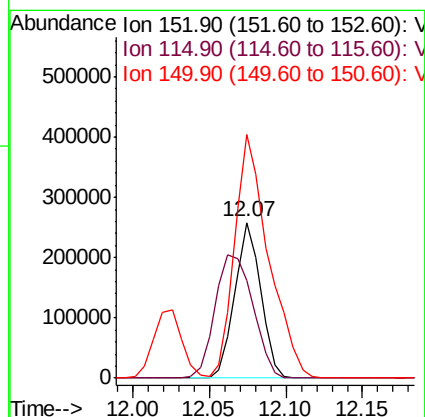
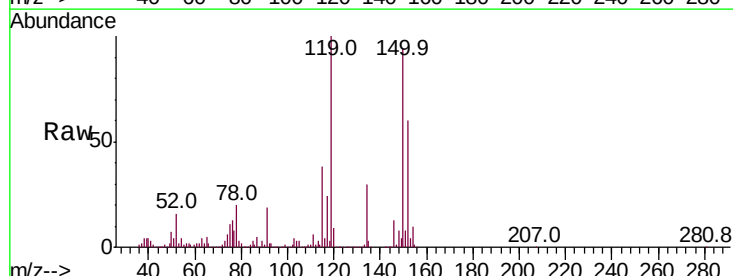
Manual Integrations
APPROVED

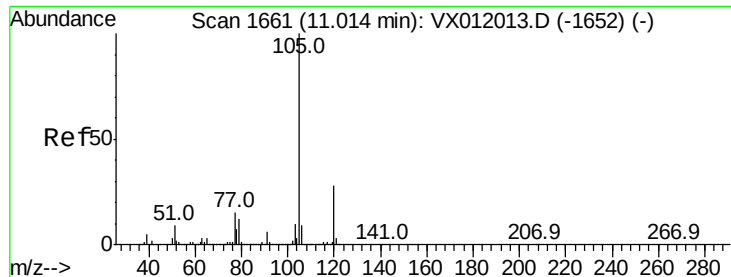
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	115.3	36.4	109.3	
150	204.3	0.0	341.2	





#73

Isopropylbenzene

Concen: 144.184 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2523283

Ion Ratio Lower Upper

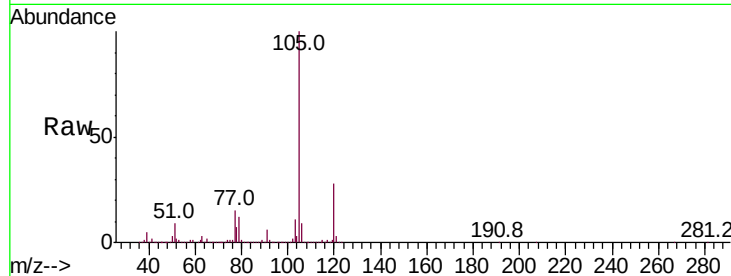
105 100

120 28.1 13.9 41.6

Manual Integrations
APPROVED

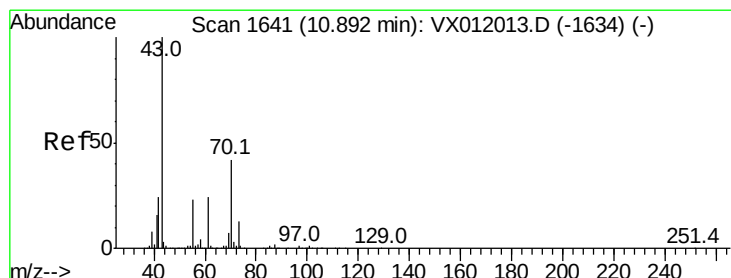
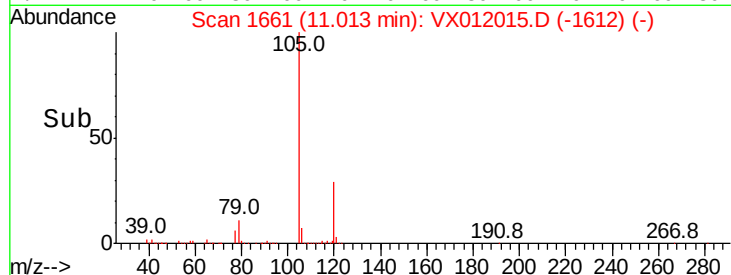
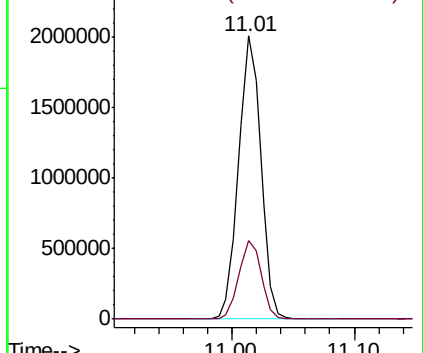
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 130.285 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion: 43 Resp: 661340

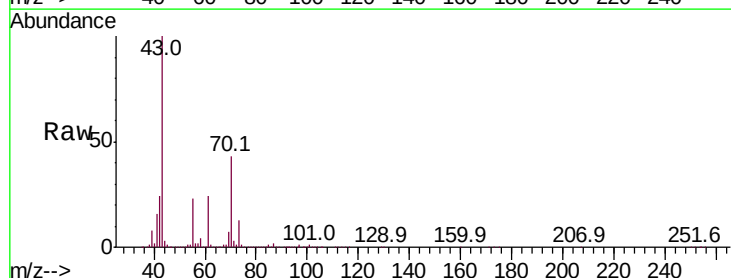
Ion Ratio Lower Upper

43 100

70 43.3 34.4 51.6

55 23.1 18.5 27.7

61 24.4 19.5 29.3

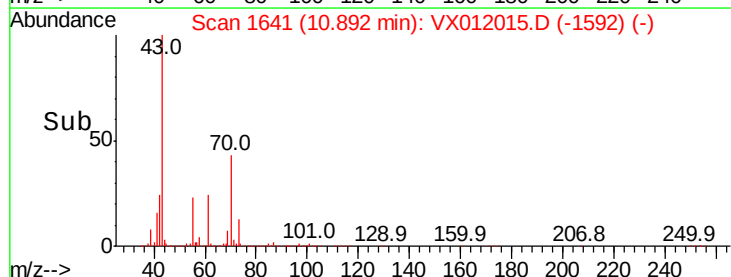
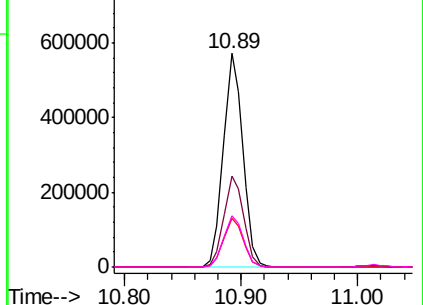


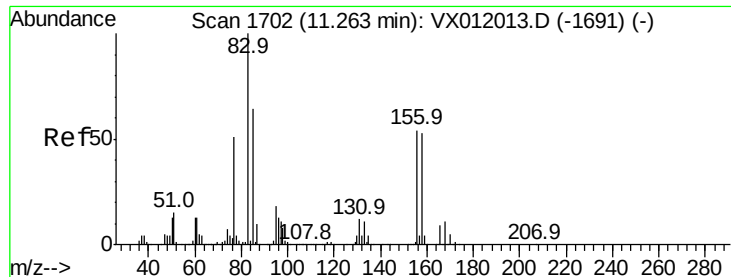
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 133.267 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 469129

Ion Ratio Lower Upper

83 100

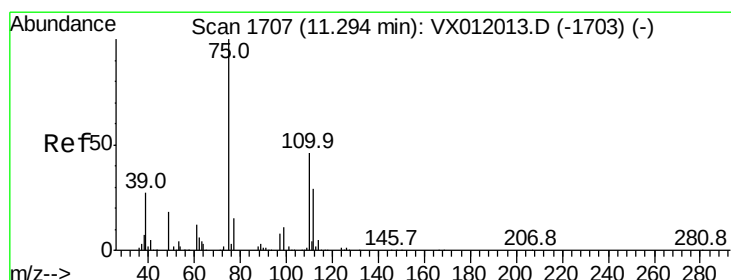
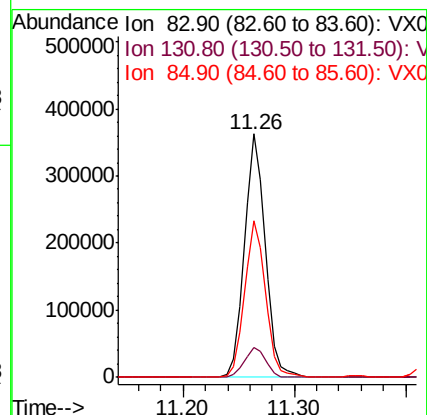
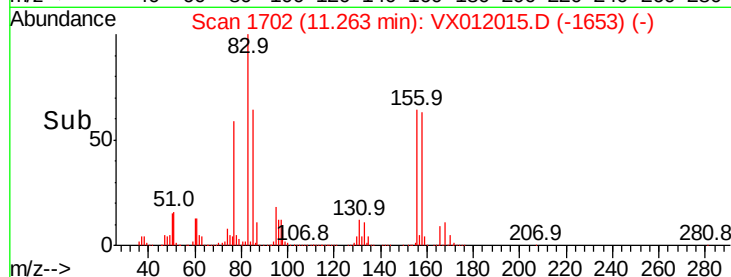
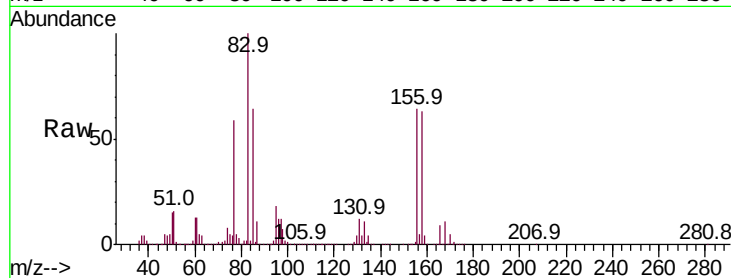
131 12.9 6.3 19.1

85 64.6 32.5 97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 116.284 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012015.D

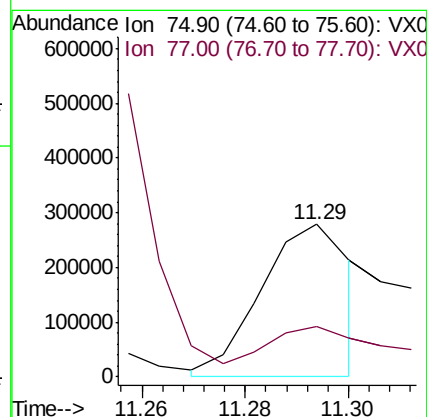
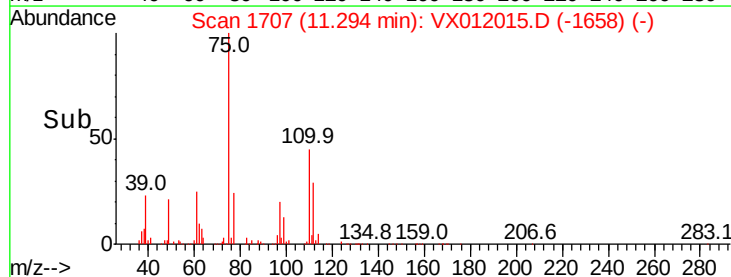
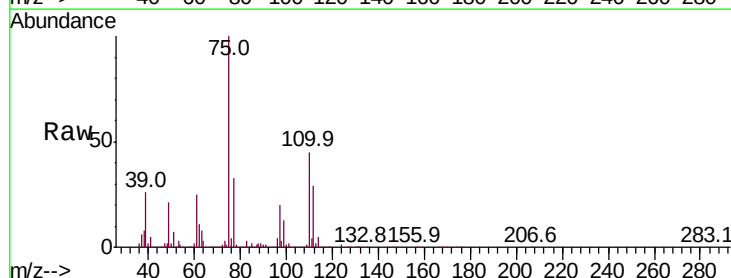
Acq: 02 Sep 2019 14:42

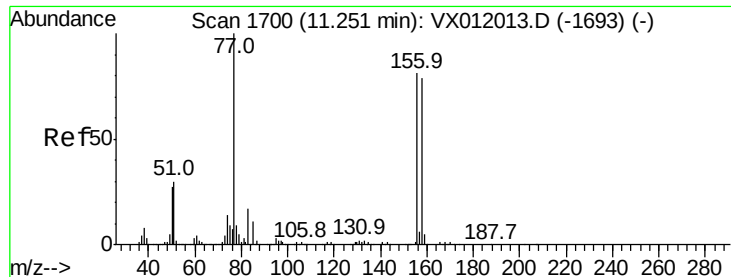
Tgt Ion: 75 Resp: 335778

Ion Ratio Lower Upper

75 100

77 48.4 23.5 70.5





#77

Bromobenzene

Concen: 149.113 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 757076

Ion Ratio Lower Upper

156 100

77 124.2 63.4 190.2

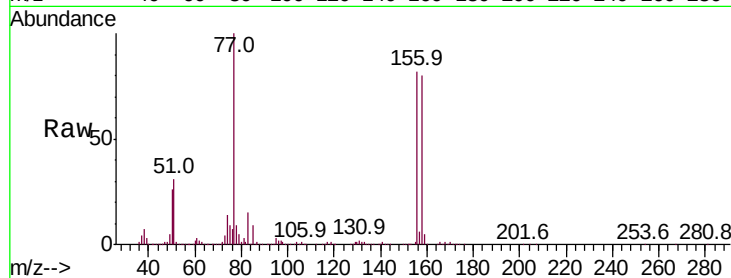
158 97.7 48.9 146.6

Manual Integrations

APPROVED

sam

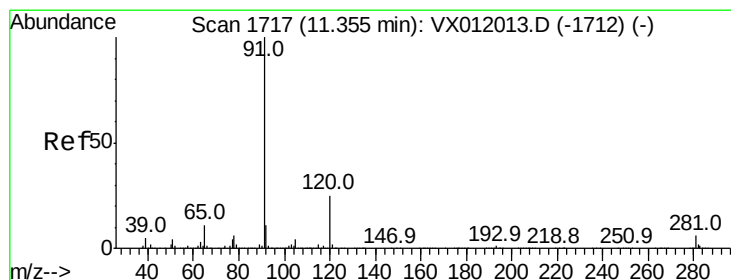
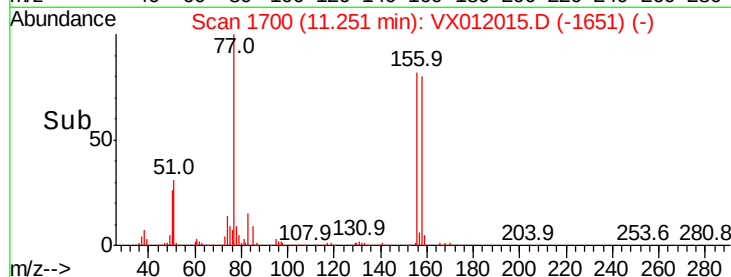
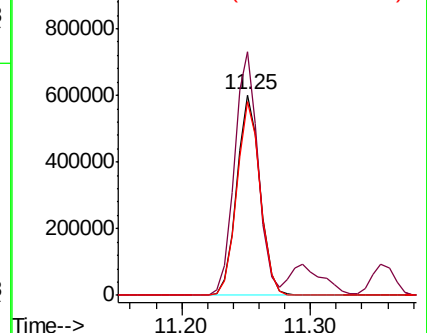
9/3/2019 2:15:55 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 142.999 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012015.D

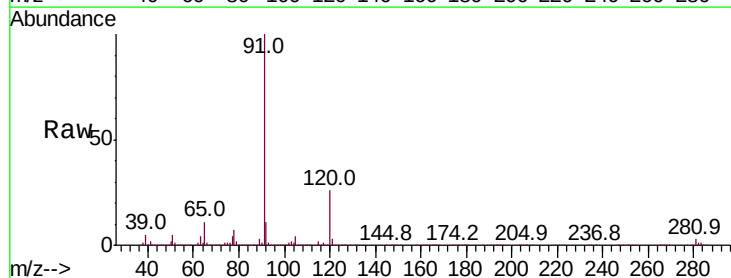
Acq: 02 Sep 2019 14:42

Tgt Ion: 91 Resp: 2827714

Ion Ratio Lower Upper

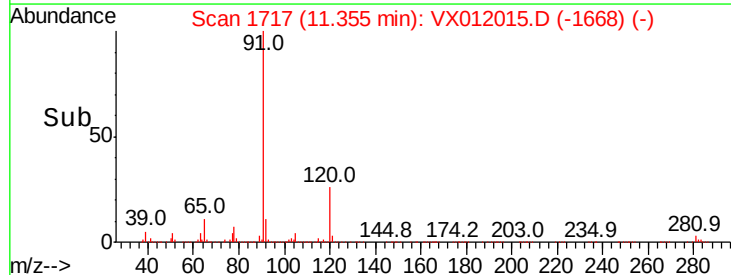
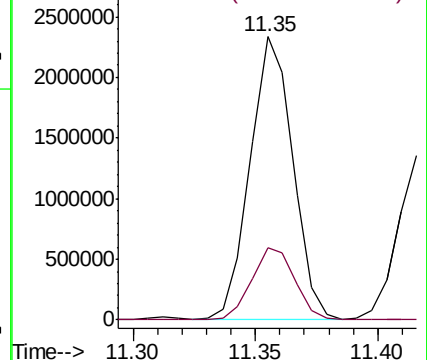
91 100

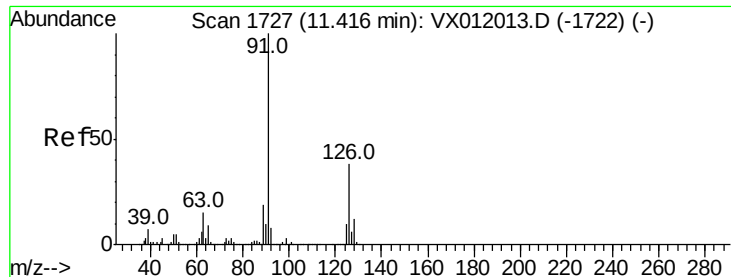
120 25.9 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 142.746 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1694494

Ion Ratio Lower Upper

91 100

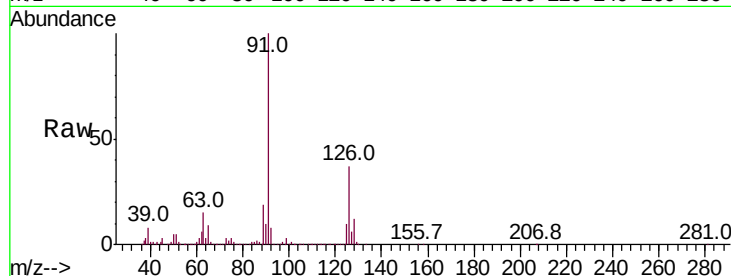
126 37.6 18.6 55.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX012015.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX012015.D (-1678) (-)

2500000

2000000

1500000

1000000

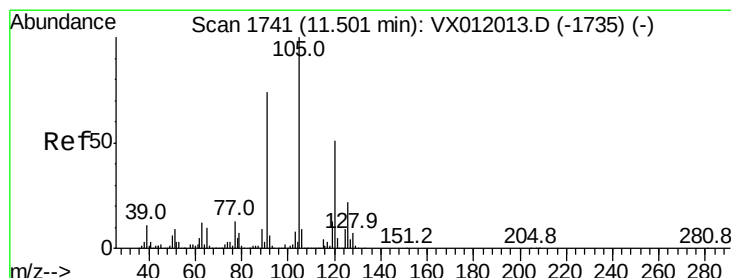
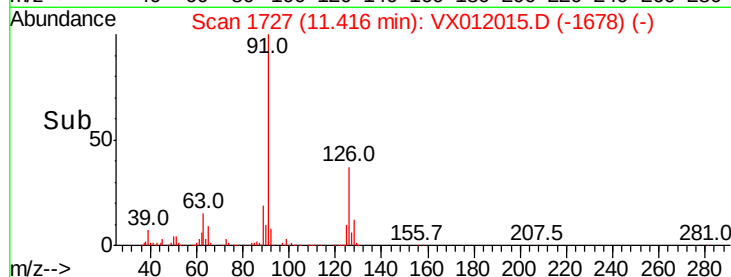
500000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 146.424 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012015.D

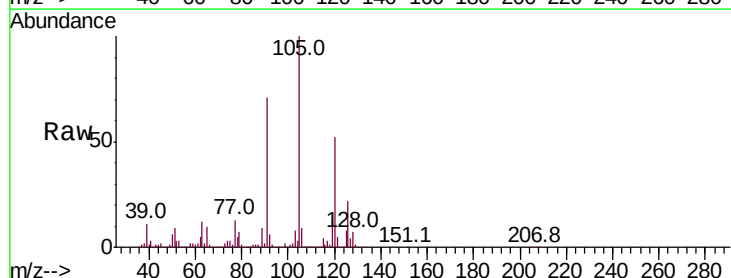
Acq: 02 Sep 2019 14:42

Tgt Ion:105 Resp: 2202137

Ion Ratio Lower Upper

105 100

120 52.1 25.8 77.3



Abundance Ion 105.00 (104.70 to 105.70): VX012015.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX012015.D (-1692) (-)

2000000

1500000

1000000

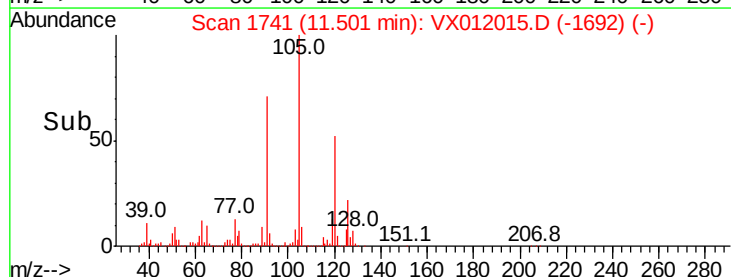
500000

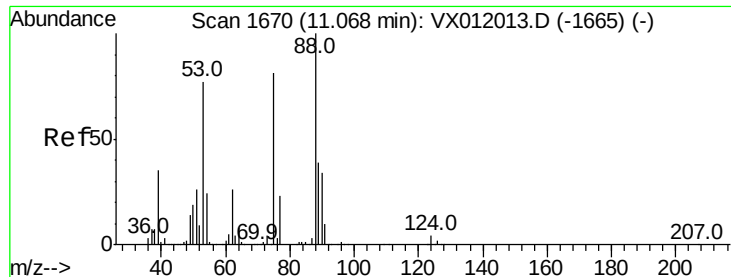
0

11.50

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 134.618 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 157868

Ion Ratio Lower Upper

75 100

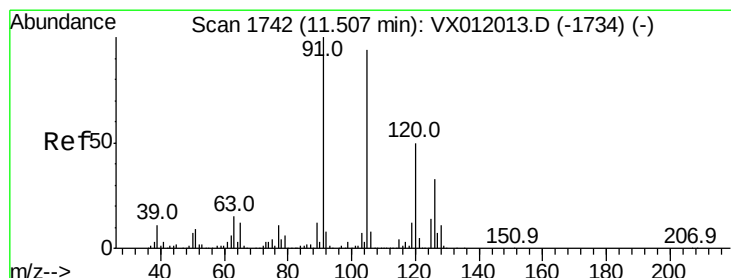
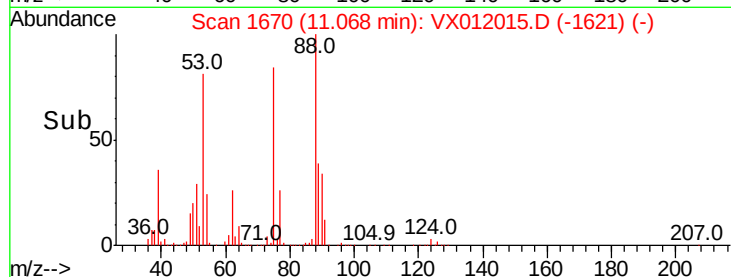
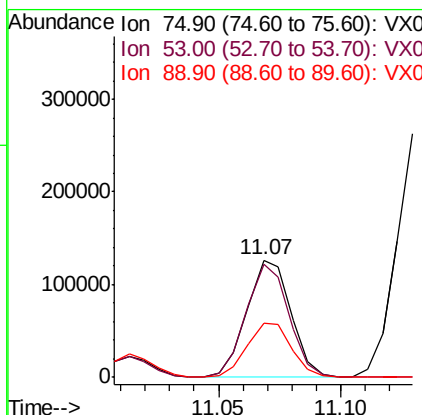
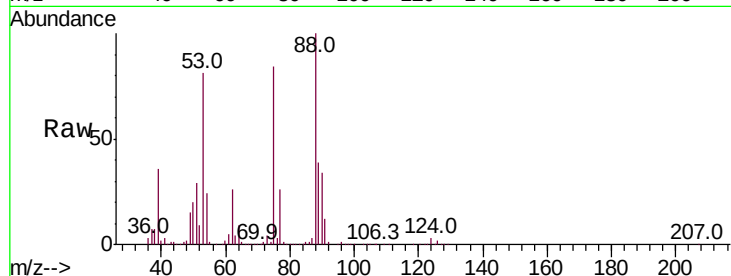
53 95.2 78.6 117.8

89 47.9 38.8 58.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 140.758 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012015.D

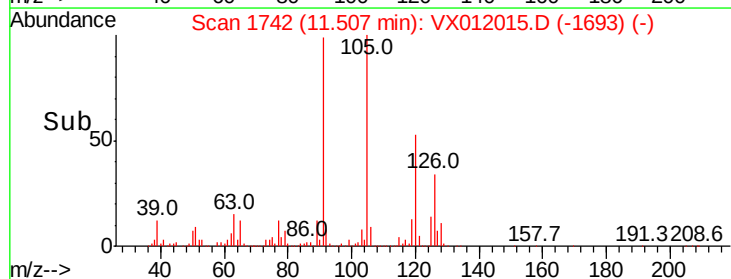
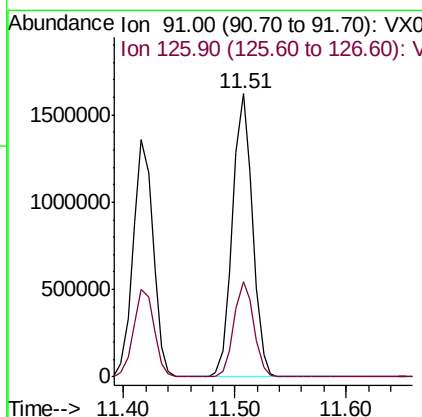
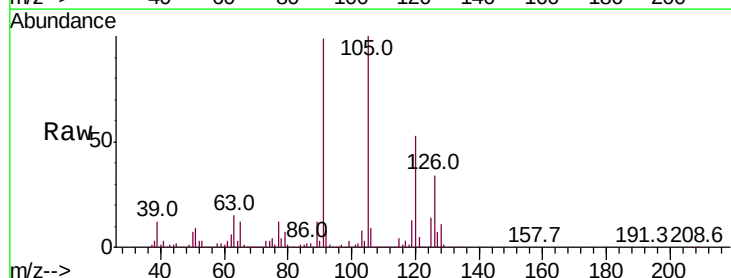
Acq: 02 Sep 2019 14:42

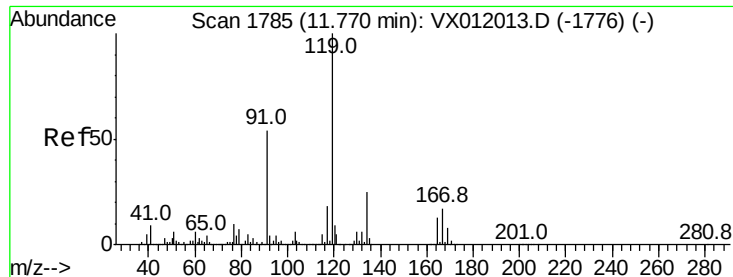
Tgt Ion: 91 Resp: 2013536

Ion Ratio Lower Upper

91 100

126 33.5 16.2 48.6





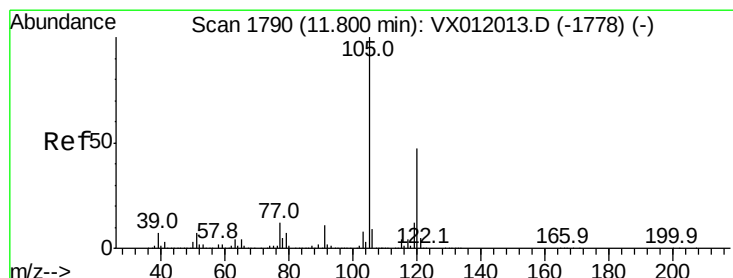
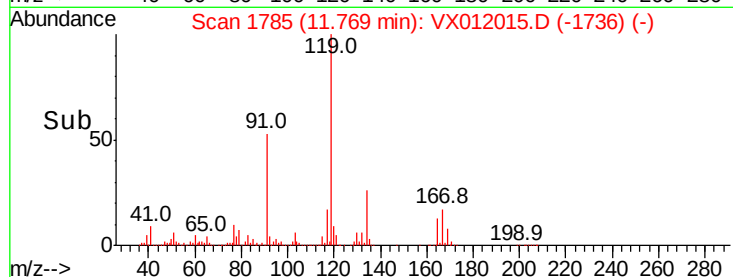
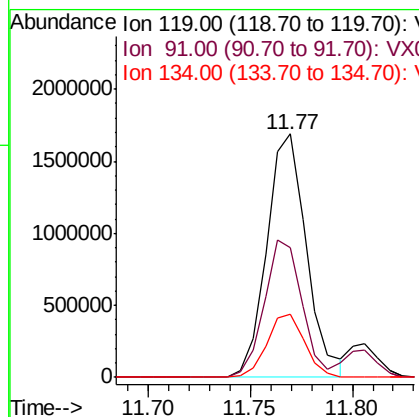
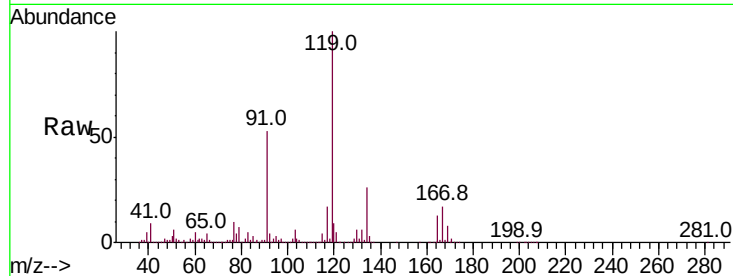
#83
 tert-Butylbenzene
 Concen: 149.473 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion:119 Resp: 2293725
 Ion Ratio Lower Upper
 119 100
 91 53.3 27.1 81.2
 134 24.8 12.1 36.3

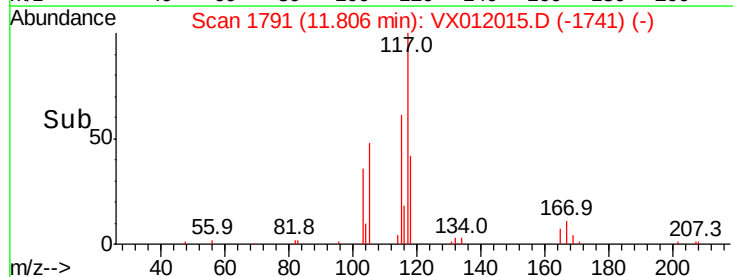
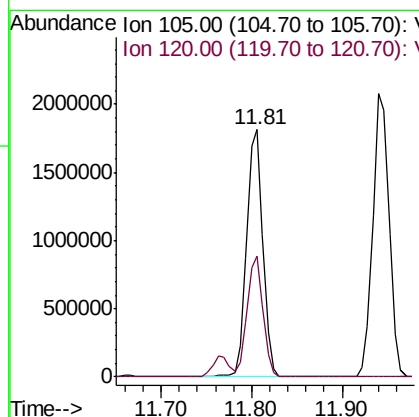
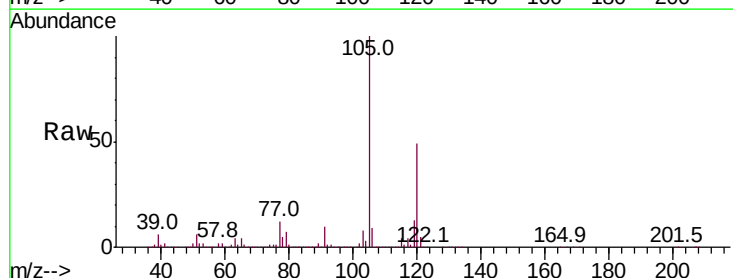
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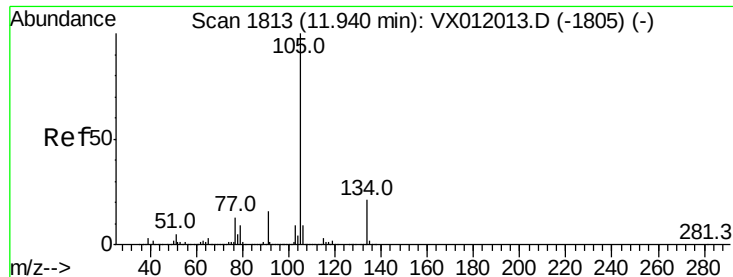
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 145.268 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion:105 Resp: 2239193
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.6 70.8





#85

sec-Butylbenzene

Concen: 146.203 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2597103

Ion Ratio Lower Upper

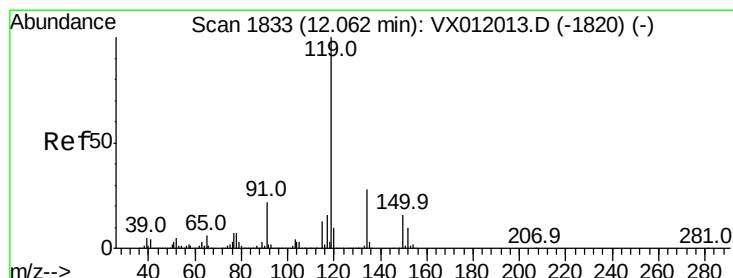
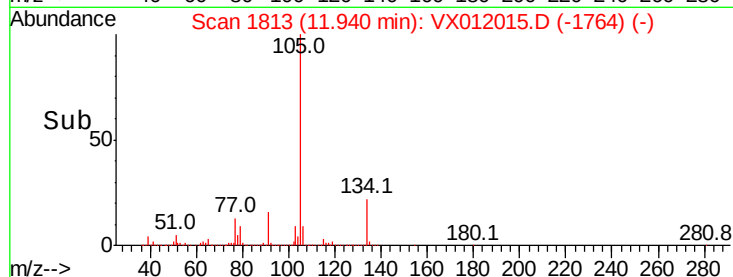
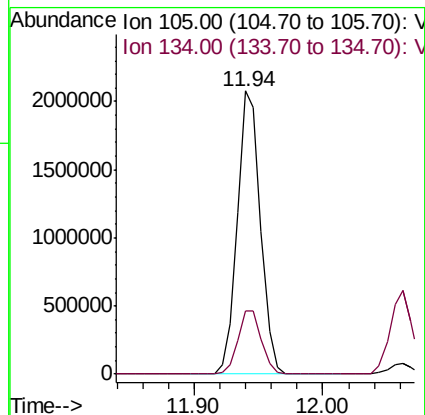
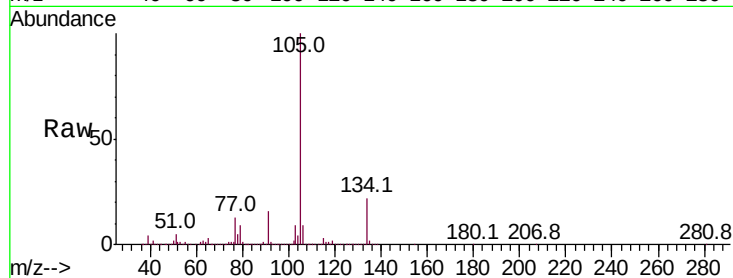
105 100

134 22.9 11.2 33.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 150.160 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

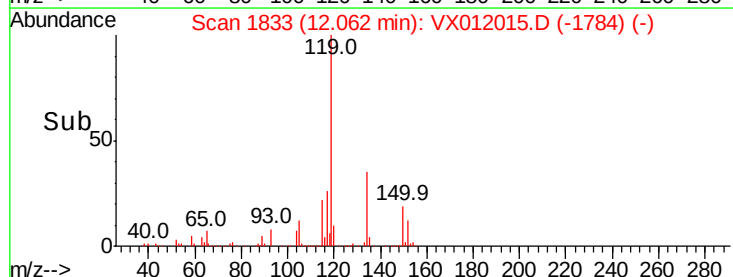
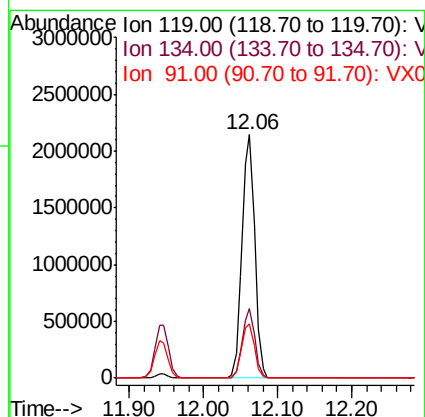
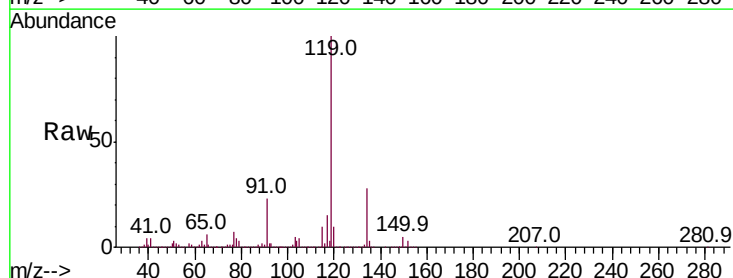
Tgt Ion:119 Resp: 2589145

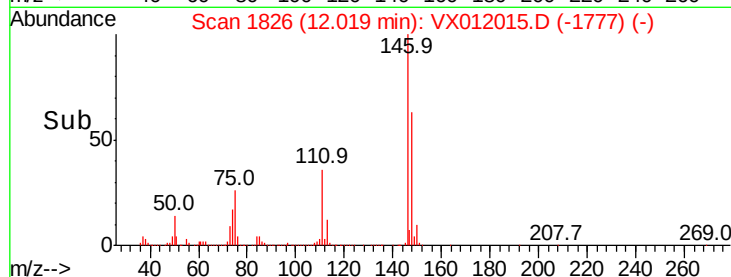
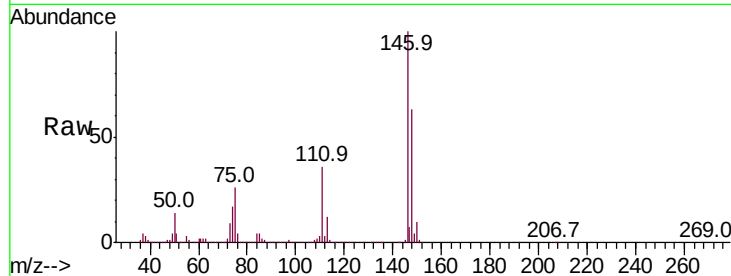
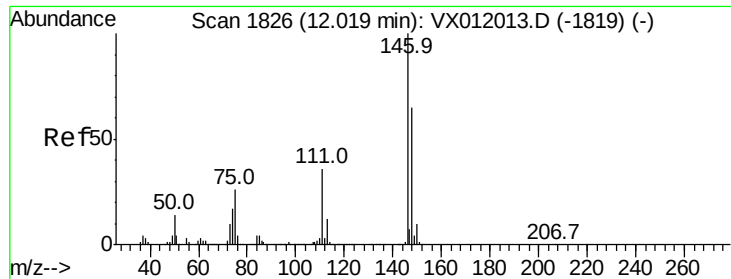
Ion Ratio Lower Upper

119 100

134 27.9 13.7 41.1

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 150.093 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

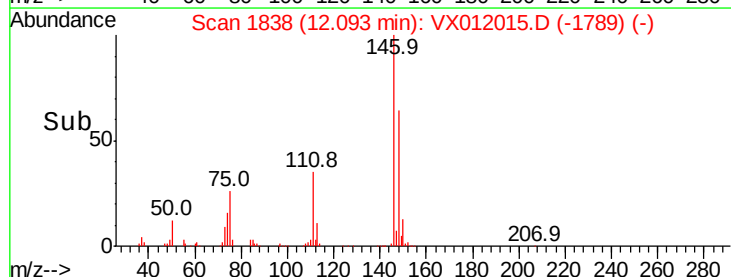
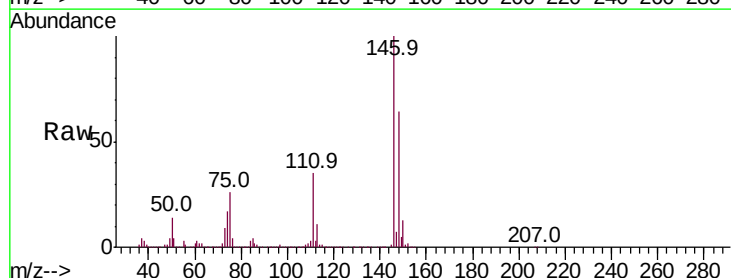
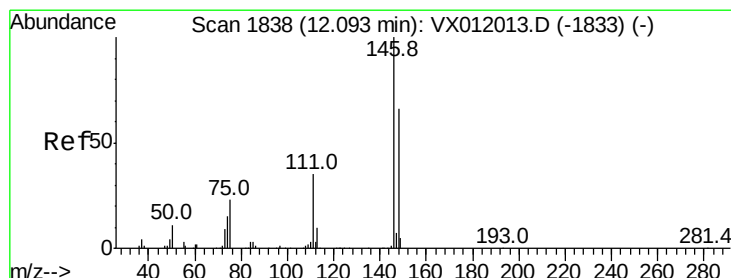
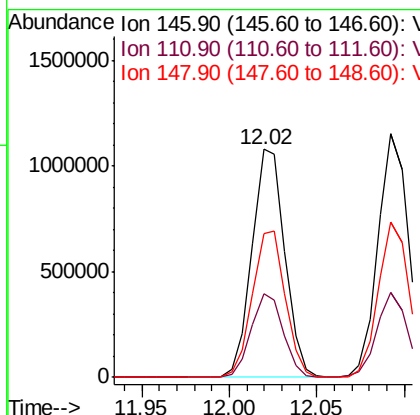
Tot Ion:146 Resp: 1411952

Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.1
148	64.2	32.6	97.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

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#88

1,4-Dichlorobenzene

Concen: 147.520 ug/l

RT: 12.09 min Scan# 1838

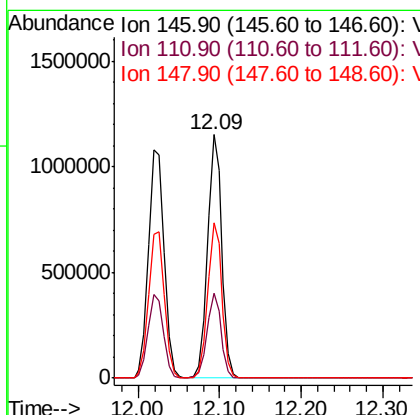
Delta R.T. -0.00 min

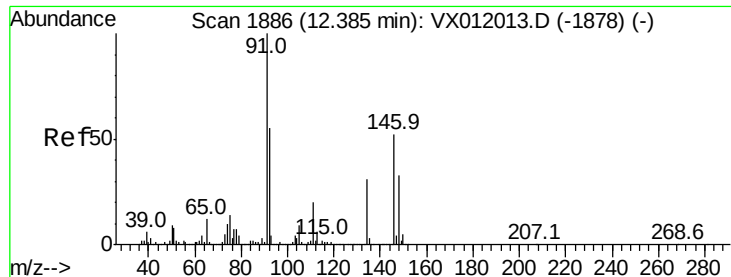
Lab File: VX012015.D

Acq: 02 Sep 2019 14:42

Tgt Ion:146 Resp: 1402158

Ion	Ratio	Lower	Upper
146	100		
111	34.5	17.7	53.1
148	64.2	32.4	97.0





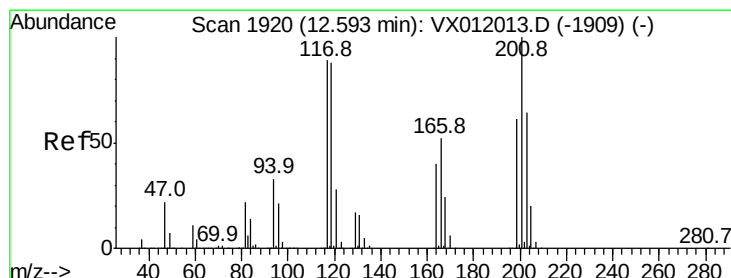
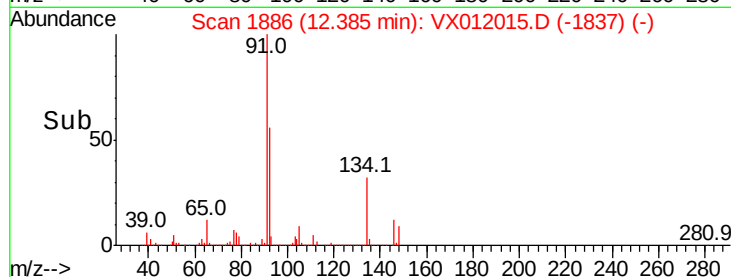
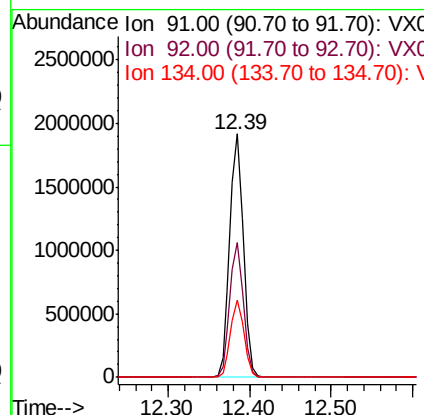
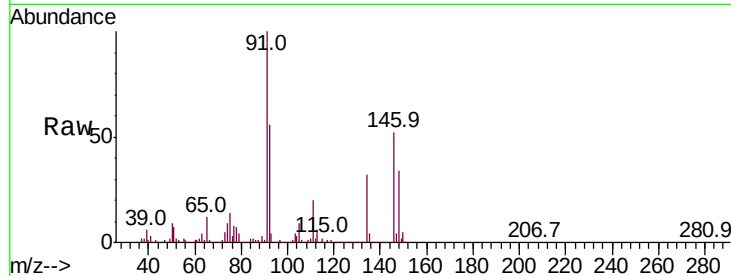
#89
n-Butylbenzene
Concen: 146.069 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.8
134	31.4	15.4	46.1

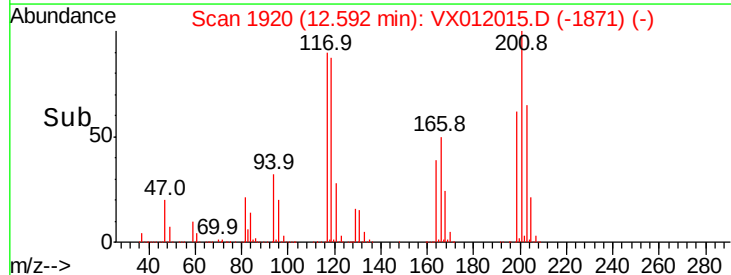
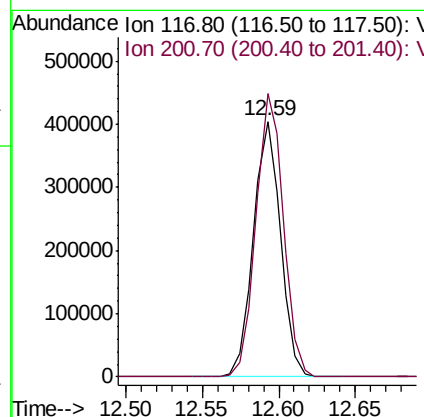
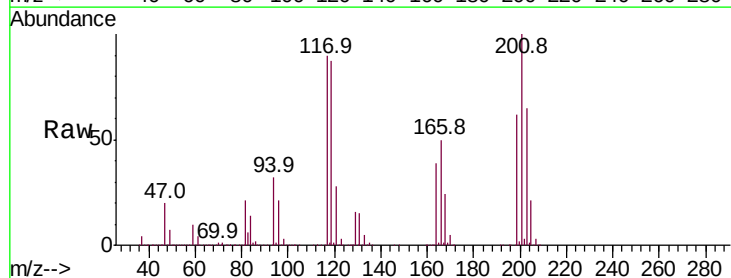
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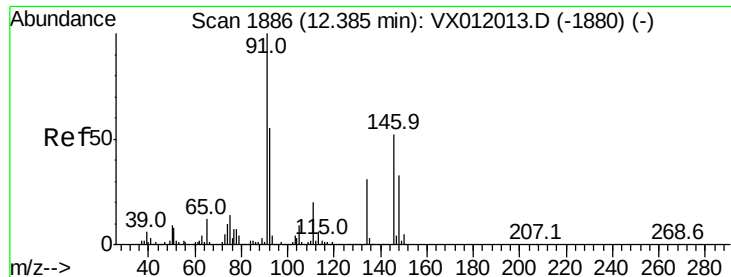
sam
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#90
Hexachloroethane
Concen: 149.405 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	112.3	55.0	165.2





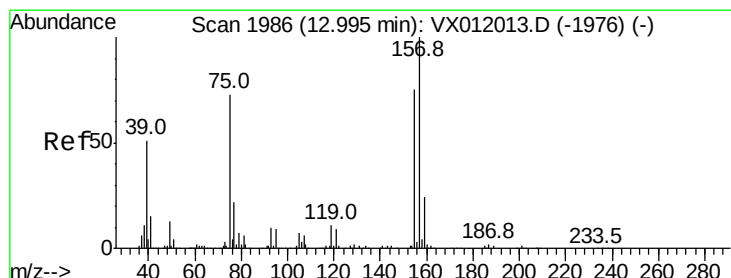
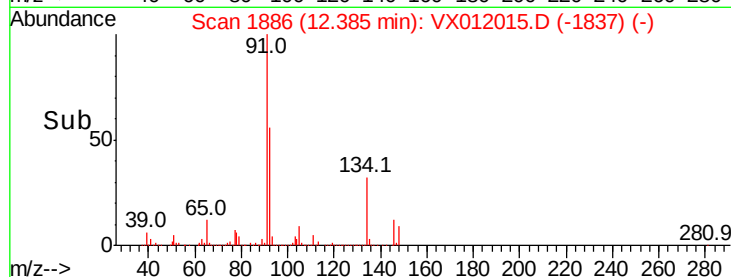
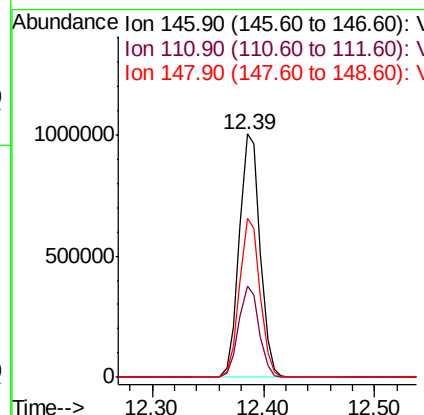
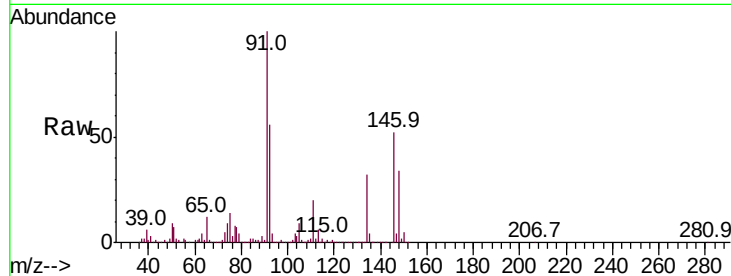
#91
 1,2-Dichlorobenzene
 Concen: 148.129 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	56.0
148	64.6	32.4	97.2

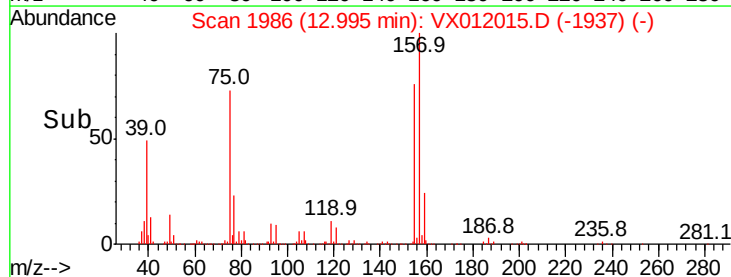
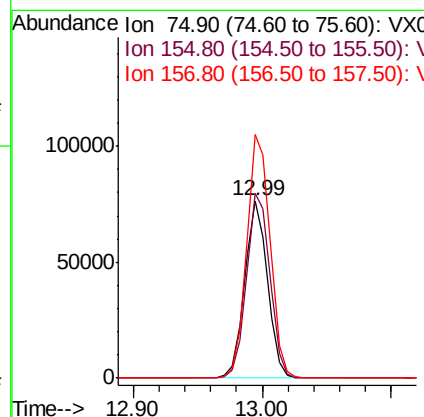
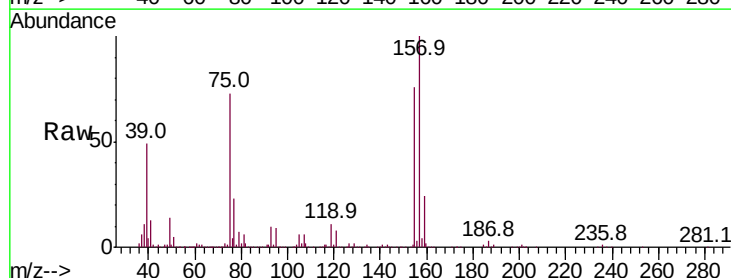
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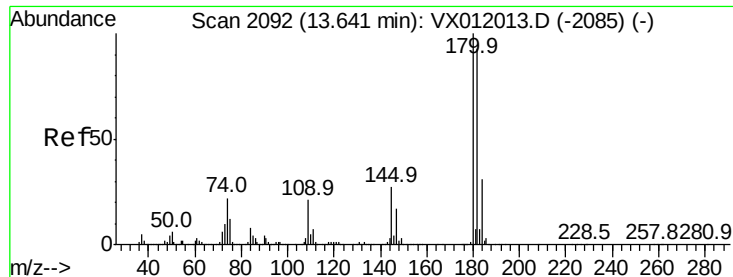
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 132.737 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.8	51.7	155.2
157	140.7	66.9	200.7





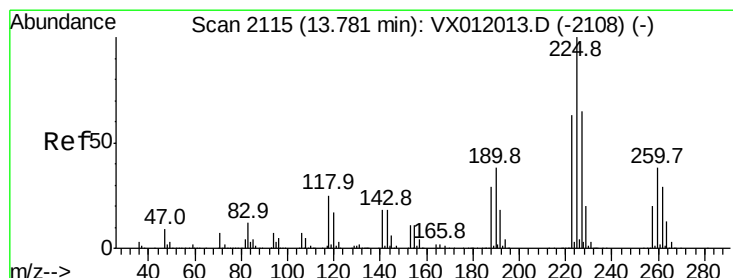
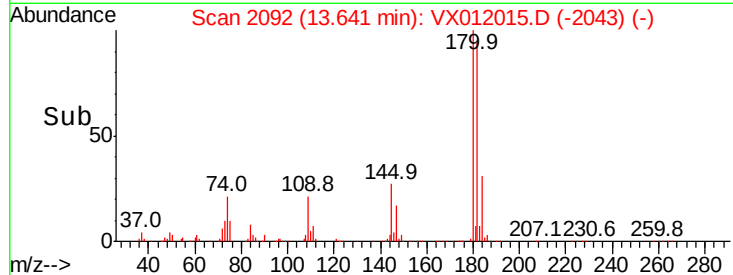
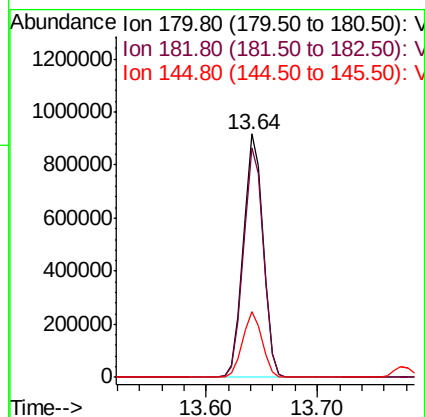
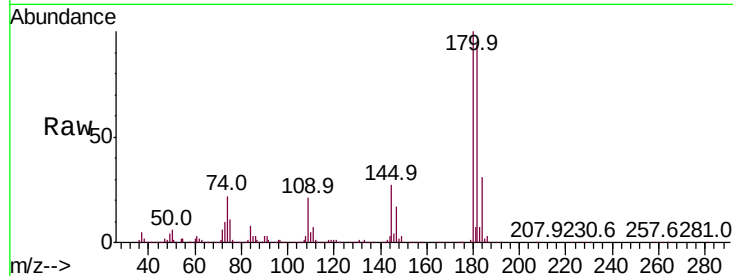
#93
 1,2,4-Trichlorobenzene
 Concen: 152.551 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:	180	Resp:	1125874
Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	142.0
145	26.6	13.7	41.0

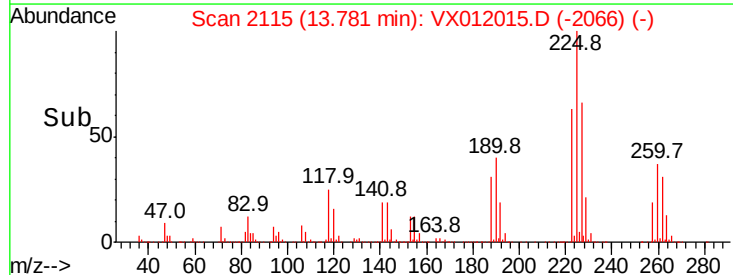
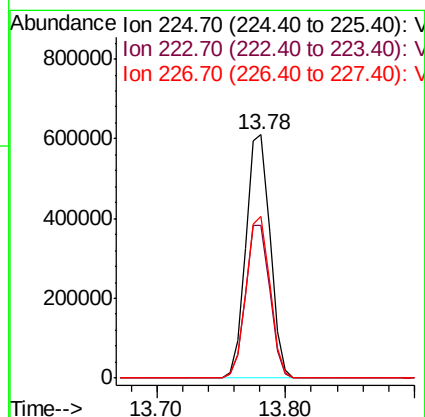
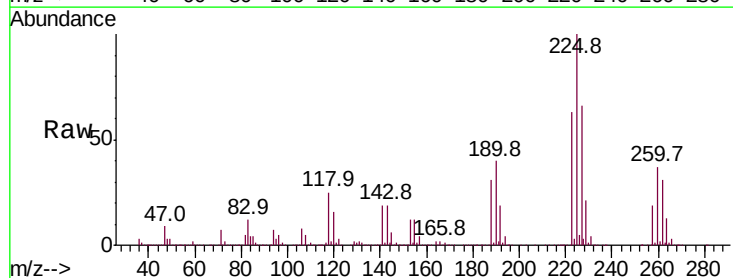
Manual Integrations
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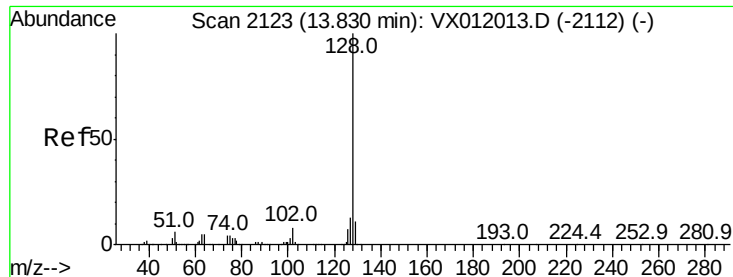
sam
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#94
 Hexachlorobutadiene
 Concen: 157.992 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012015.D
 Acq: 02 Sep 2019 14:42

Tgt Ion:	225	Resp:	786191
Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.6	95.0
227	65.4	32.5	97.5





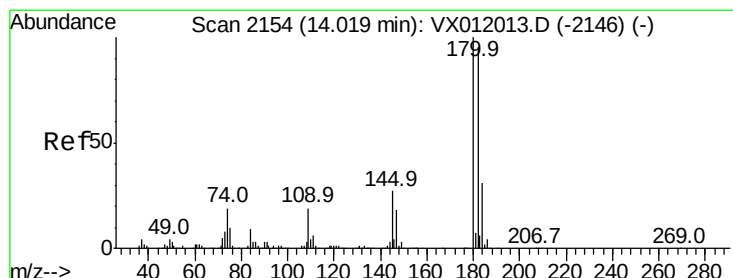
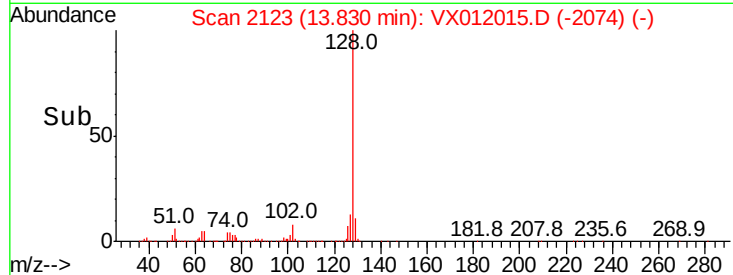
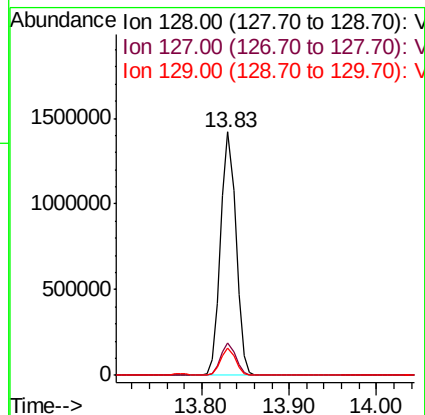
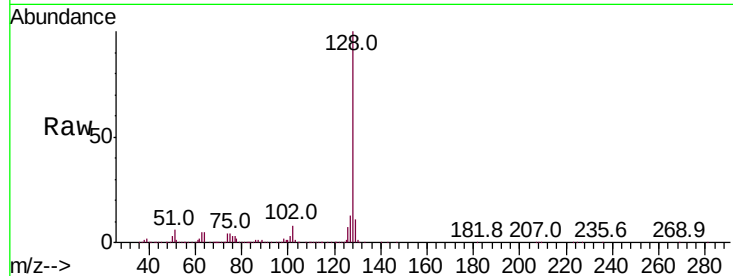
#95
Naphthalene
Concen: 137.799 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.0	8.8	13.2

Manual Integrations
APPROVED

sam
9/3/2019 2:15:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 146.363 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012015.D
Acq: 02 Sep 2019 14:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.6
145	28.5	14.1	42.4

