

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103119\
 Data File : VX013295.D
 Acq On : 31 Oct 2019 17:29
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 3:41:09 PM

Quant Time: Nov 02 05:50:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	713478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1083905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1000740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	512345	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	417722	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
35) Dibromofluoromethane	5.48	113	338364	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	8.71	98	1299485	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.13	95	462066	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	428725	62.783	ug/l 100
3) Chloromethane	1.31	50	460081	65.702	ug/l 100
4) Vinyl Chloride	1.40	62	537293	73.309	ug/l 100
5) Bromomethane	1.62	94	352783	78.868	ug/l 100
6) Chloroethane	1.70	64	294291	64.248	ug/l 100
7) Trichlorofluoromethane	1.92	101	590507	51.785	ug/l 100
8) Diethyl Ether	2.17	74	266120	63.948	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	329656	50.605	ug/l 100
10) Methyl Iodide	2.50	142	432921	51.381	ug/l 100
11) Tert butyl alcohol	3.04	59	519222	280.050	ug/l 100
12) 1,1-Dichloroethene	2.36	96	334191	52.194	ug/l 100
13) Acrolein	2.28	56	312293	290.946	ug/l 100
14) Allyl chloride	2.72	41	602235	61.998	ug/l 100
15) Acrylonitrile	3.13	53	1091912	293.423	ug/l 100
16) Acetone	2.43	43	1080458	301.126	ug/l 100
17) Carbon Disulfide	2.56	76	896530	54.188	ug/l 100
18) Methyl Acetate	2.76	43	605849	70.151	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	1137664	54.277	ug/l 100
20) Methylene Chloride	2.84	84	376225	51.100	ug/l 100
21) trans-1,2-Dichloroethene	3.16	96	358949	52.547	ug/l 100
22) Diisopropyl ether	3.84	45	1199128	58.992	ug/l 100
23) Vinyl Acetate	3.80	43	5145310	300.521	ug/l 100
24) 1,1-Dichloroethane	3.69	63	648048	55.596	ug/l 100
25) 2-Butanone	4.66	43	1631783	314.492	ug/l 100
26) 2,2-Dichloropropane	4.57	77	518500	54.625	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	410960	51.837	ug/l 100
28) Bromochloromethane	5.00	49	186070	36.455	ug/l 100
29) Tetrahydrofuran	5.12	42	1026924	312.068	ug/l 100
30) Chloroform	5.20	83	645687	51.926	ug/l 100
31) Cyclohexane	5.57	56	573982	54.114	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	555777	52.031	ug/l 100
36) 1,1-Dichloropropene	5.79	75	486539	53.700	ug/l 100
37) Ethyl Acetate	4.82	43	599902	62.767	ug/l 100
38) Carbon Tetrachloride	5.78	117	478193	51.322	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	583001	50.296	ug/l	100
40) Benzene	6.13	78	1468761	53.068	ug/l	100
41) Methacrylonitrile	5.03	41	331985	60.657	ug/l	100
42) 1,2-Dichloroethane	6.18	62	545167	55.699	ug/l	100
43) Isopropyl Acetate	6.43	43	947863	60.482	ug/l	100
44) Trichloroethene	7.20	130	398348	49.275	ug/l	100
45) 1,2-Dichloropropane	7.51	63	377784	53.420	ug/l	100
46) Dibromomethane	7.65	93	257074	51.449	ug/l	100
47) Bromodichloromethane	7.89	83	501038	55.617	ug/l	100
48) Methyl methacrylate	7.76	41	485324	62.830	ug/l	100
49) 1,4-Dioxane	7.73	88	213429	1033.481	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	3121152	307.112	ug/l	100
52) Toluene	8.78	92	922059	51.118	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	561874	57.812	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	611828	56.807	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	383083	51.450	ug/l	100
56) Ethyl methacrylate	9.17	69	619022	56.335	ug/l	100
57) 1,3-Dichloropropane	9.37	76	648307	54.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1385610	266.762	ug/l	100
59) 2-Hexanone	9.49	43	2448729	311.322	ug/l	100
60) Dibromochloromethane	9.57	129	408784	54.422	ug/l	100
61) 1,2-Dibromoethane	9.67	107	410946	52.127	ug/l	100
64) Tetrachloroethene	9.33	164	353449	45.352	ug/l	100
65) Chlorobenzene	10.14	112	1002912	48.643	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	378719	52.214	ug/l	100
67) Ethyl Benzene	10.25	91	1786863	50.840	ug/l	100
68) m/p-Xylenes	10.35	106	1370719	101.680	ug/l	100
69) o-Xylene	10.70	106	657641	50.154	ug/l	100
70) Styrene	10.71	104	1138891	52.030	ug/l	100
71) Bromoform	10.85	173	318144	54.734	ug/l	100
73) Isopropylbenzene	11.01	105	1748940	50.155	ug/l	100
74) N-amyl acetate	10.89	43	859062	62.045	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	628355	54.308	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	501163m	53.395	ug/l	
77) Bromobenzene	11.25	156	460884	48.226	ug/l	100
78) n-propylbenzene	11.35	91	2002043	51.854	ug/l	100
79) 2-Chlorotoluene	11.42	91	1172533	50.627	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1476757	50.834	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	213269	60.374	ug/l	100
82) 4-Chlorotoluene	11.51	91	1367383	50.733	ug/l	100
83) tert-Butylbenzene	11.76	119	1507774	52.438	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1497854	51.078	ug/l	100
85) sec-Butylbenzene	11.94	105	1705038	51.014	ug/l	100
86) p-Isopropyltoluene	12.06	119	1592195	51.484	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	822267	49.488	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	816859	48.102	ug/l	100
89) n-Butylbenzene	12.39	91	1399434	52.793	ug/l	100
90) Hexachloroethane	12.59	117	280303	56.426	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	817371	49.654	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	149985	60.759	ug/l	100

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	579093	51.721	ug/l	100
94) Hexachlorobutadiene	13.78	225	275841	49.832	ug/l	100
95) Naphthalene	13.83	128	1935744	57.467	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	586773	52.457	ug/l	100

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

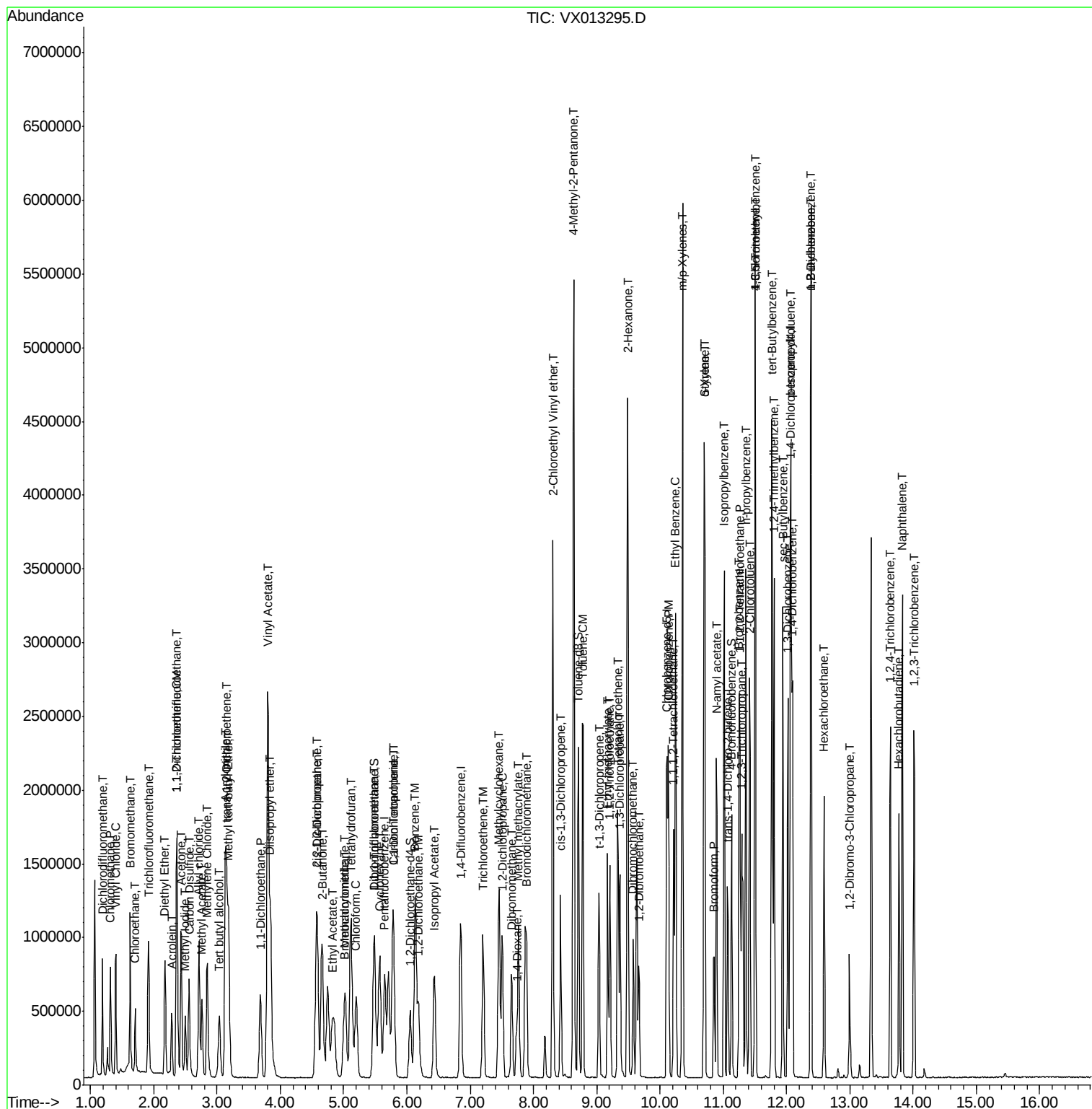
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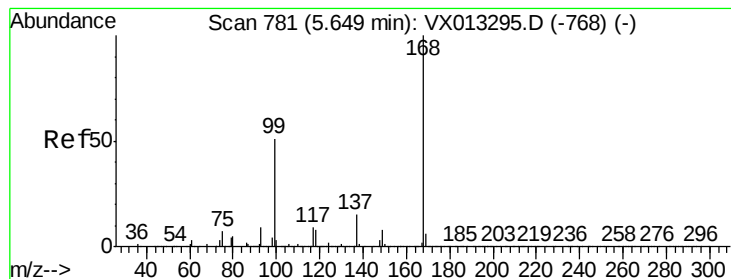
Instrument :
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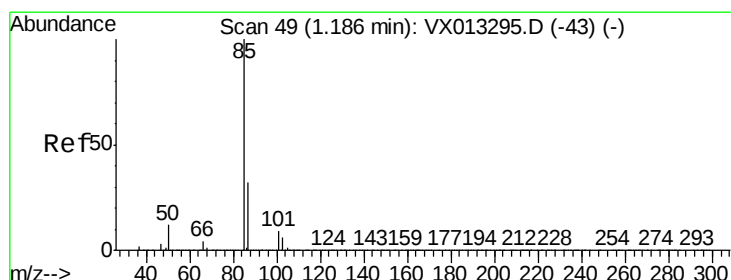
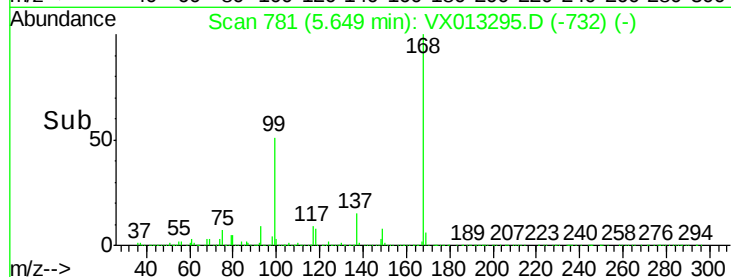
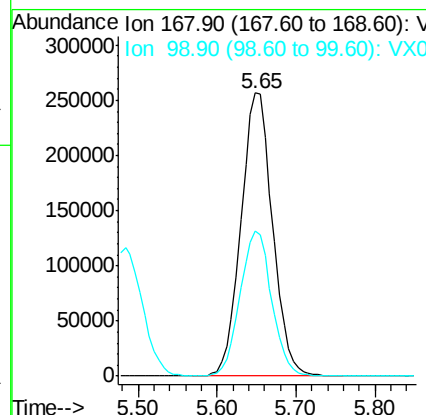
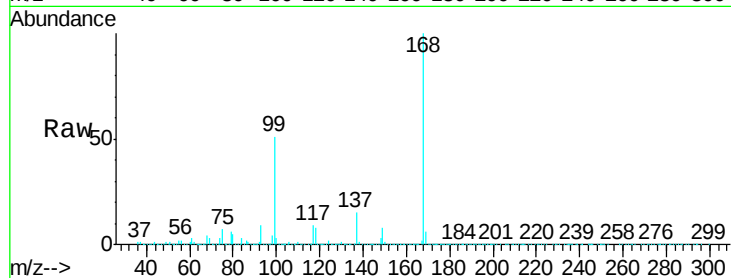
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
168	100		
99	51.0	40.8	61.2

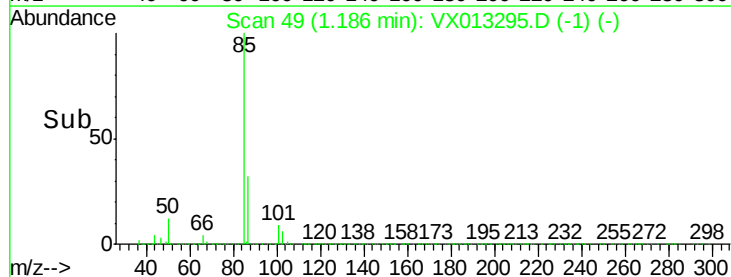
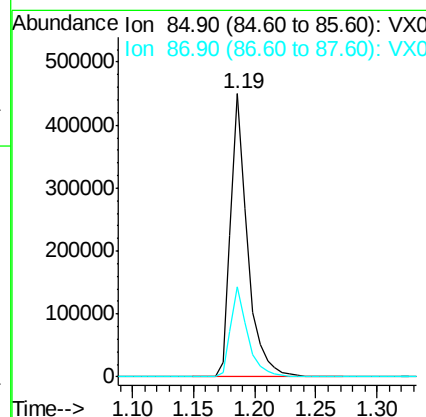
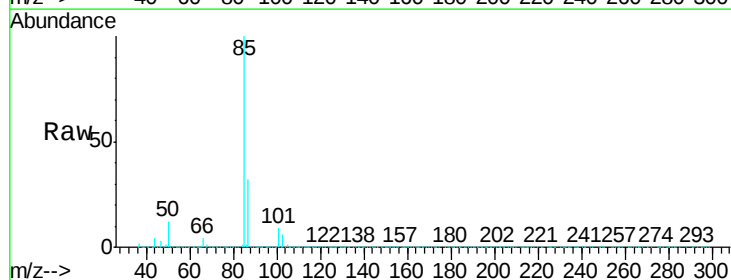
Manual Integrations
APPROVED

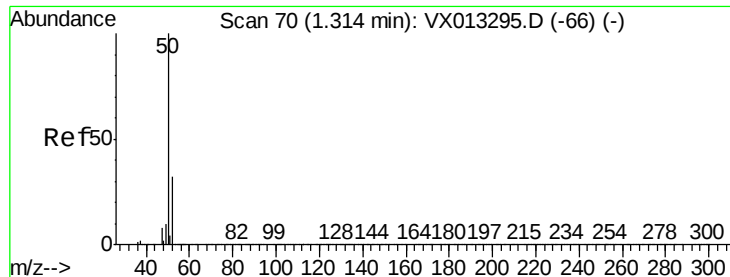
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#2
Dichlorodifluoromethane
Concen: 62.783 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.9	47.6





#3

Chloromethane

Concen: 65.702 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 460081

Ion Ratio Lower Upper

50 100

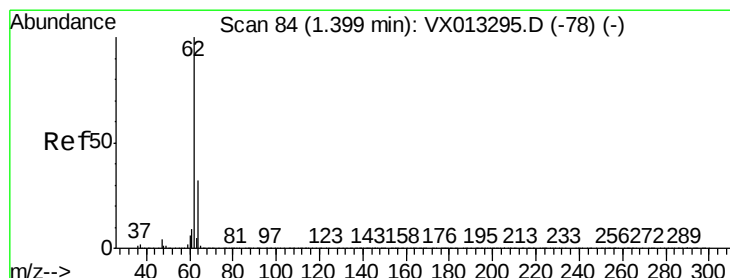
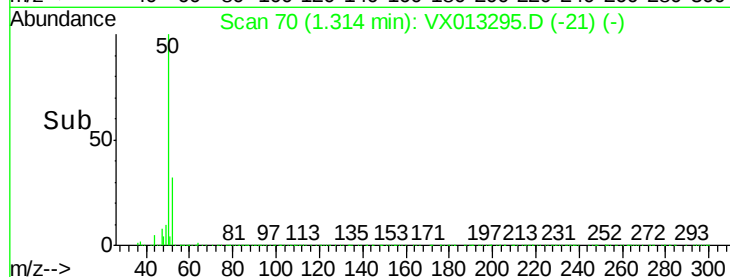
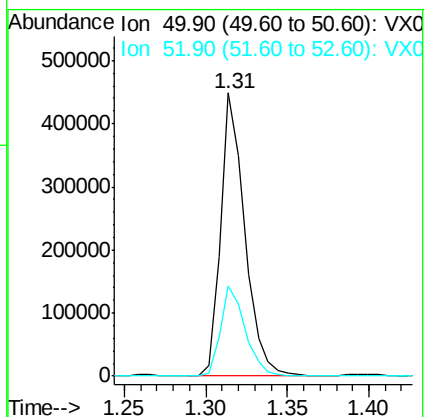
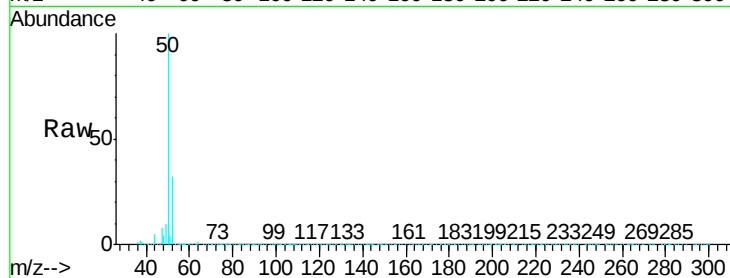
52 31.9 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 73.309 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013295.D

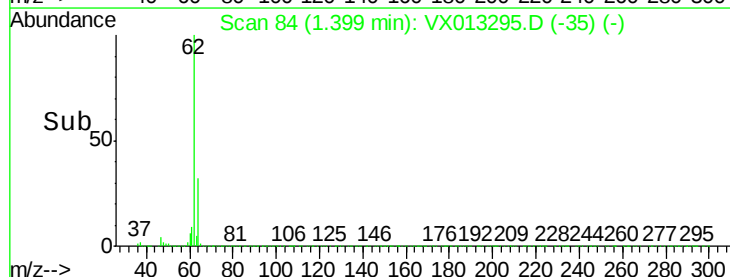
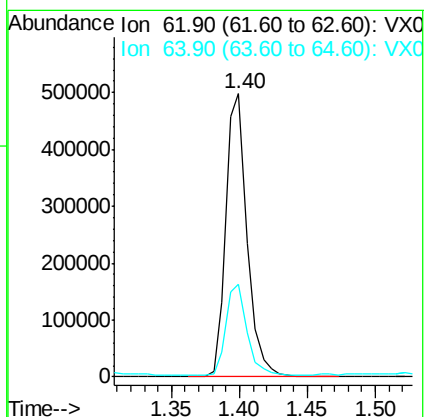
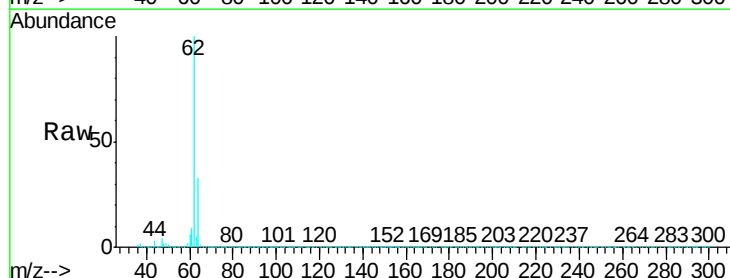
Acq: 31 Oct 2019 17:29

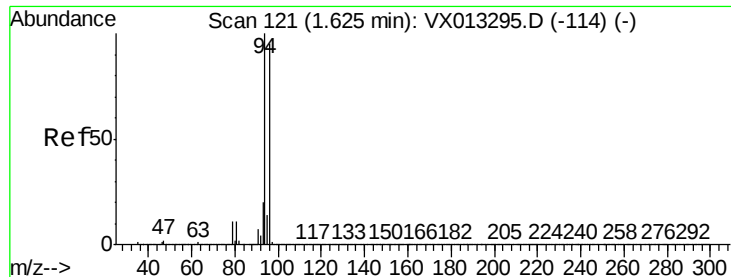
Tgt Ion: 62 Resp: 537293

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 78.868 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 352783

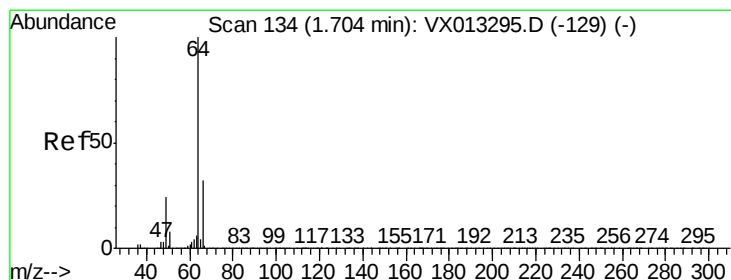
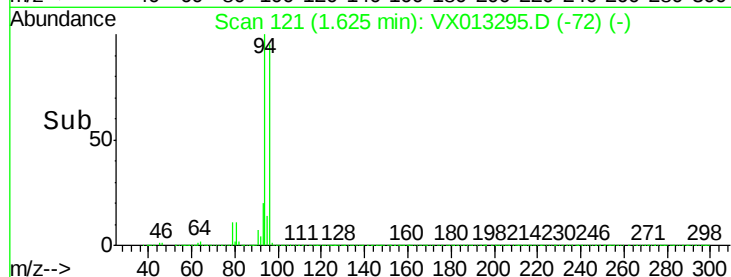
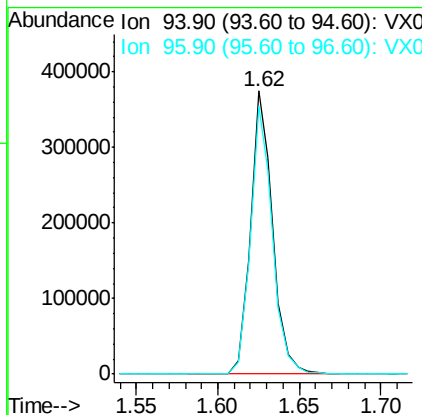
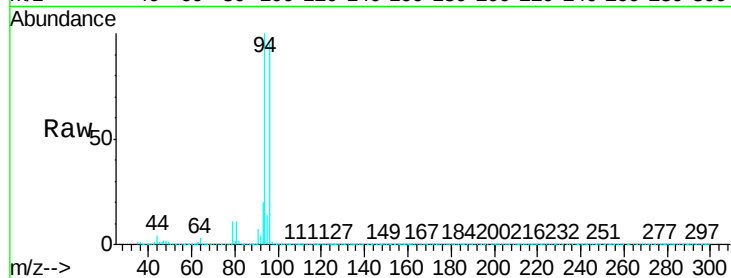
Ion Ratio Lower Upper

94 100

96 94.8 75.8 113.8

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#6

Chloroethane

Concen: 64.248 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013295.D

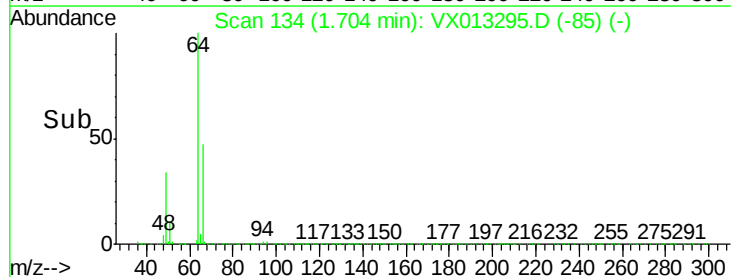
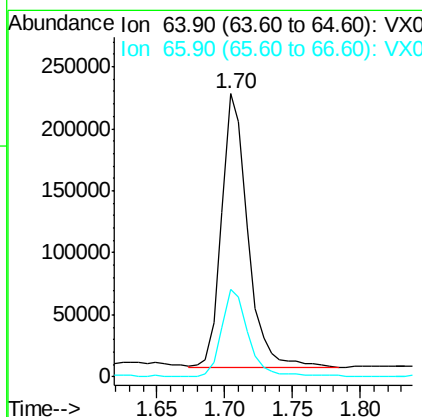
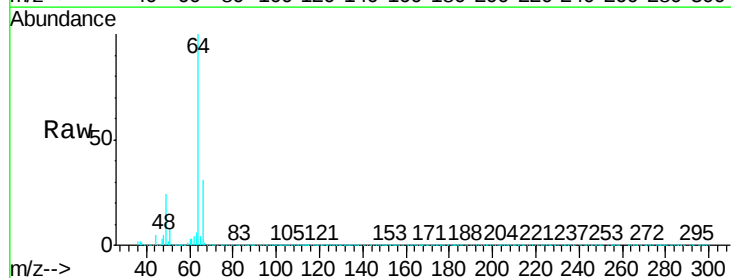
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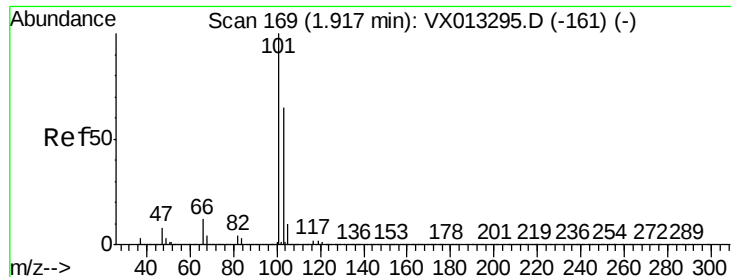
Tgt Ion: 64 Resp: 294291

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

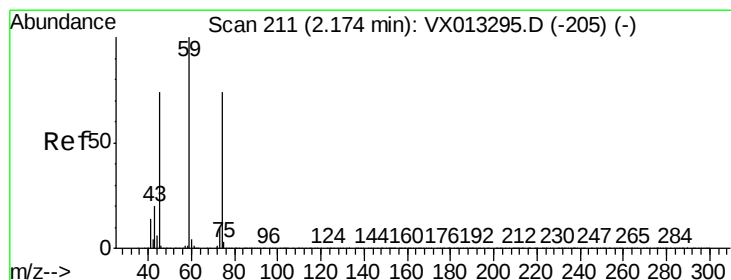
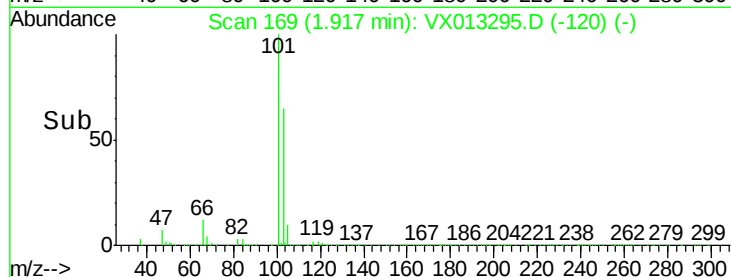
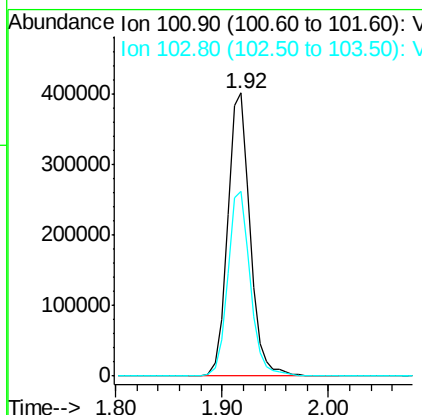
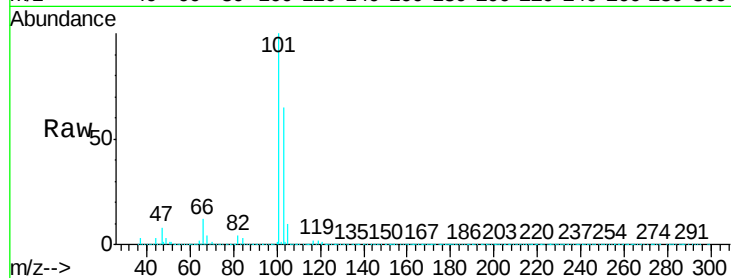
Trichlorofluoromethane
Concen: 51.785 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013295.D
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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
101	100		
103	65.4	52.3	78.5

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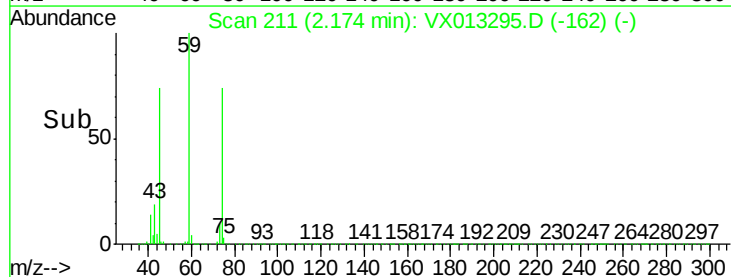
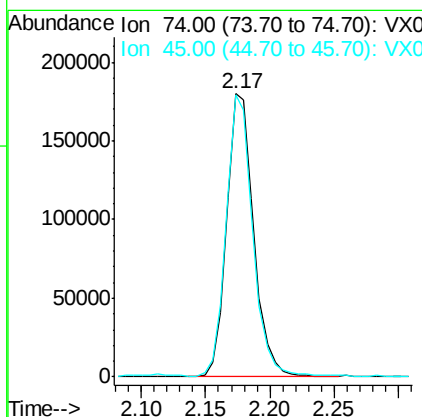
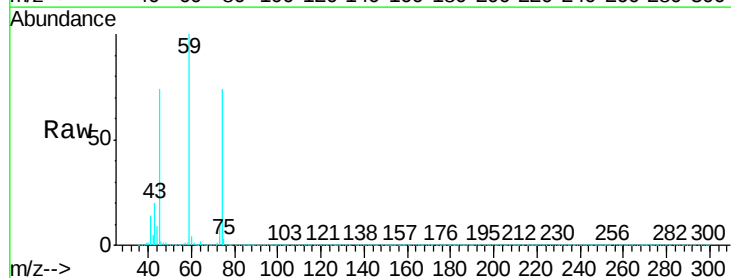
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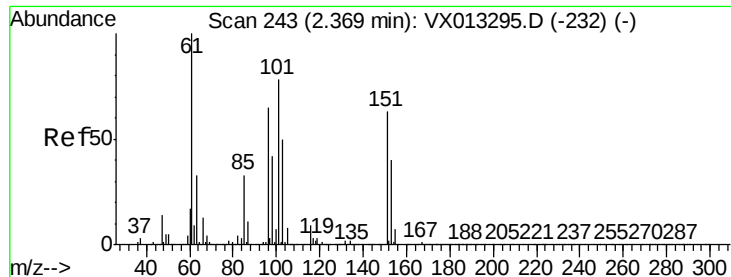


#8

Diethyl Ether
Concen: 63.948 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
74	100		
45	97.1	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.605 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

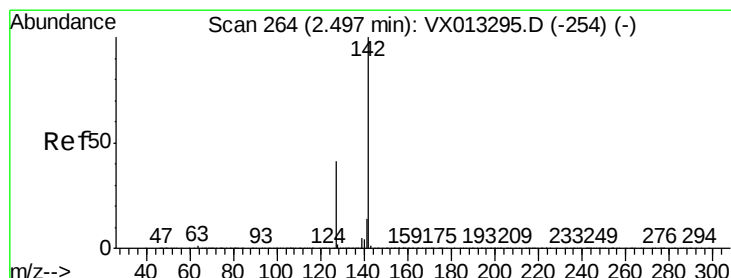
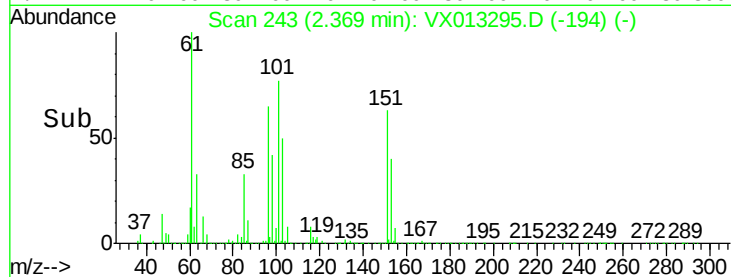
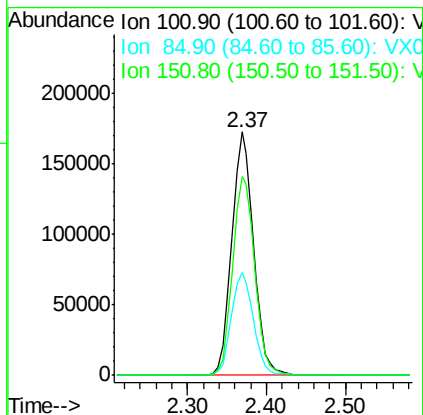
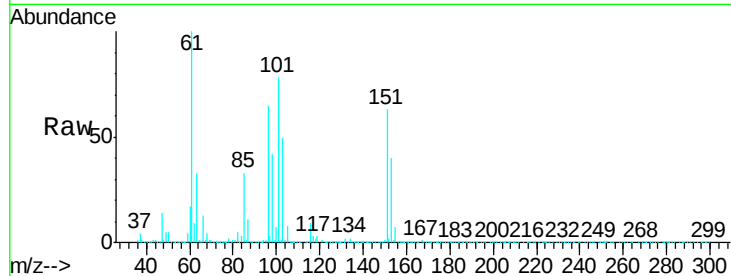
ClientSampleId :

VSTDICCC050

Tgt Ion:	101	Resp:	329656
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.4	51.6
151	83.0	66.4	99.6

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#10

Methyl Iodide

Concen: 51.381 ug/l

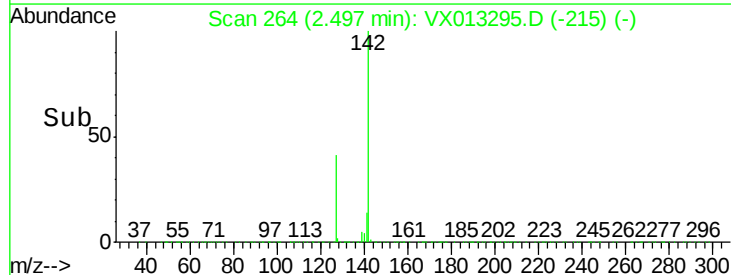
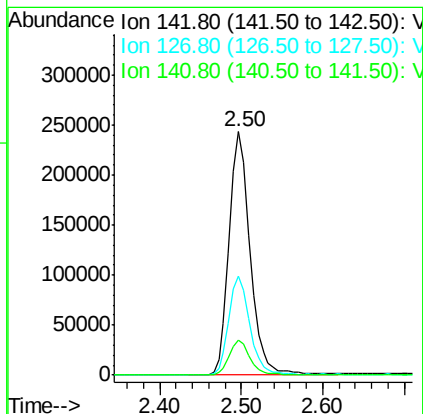
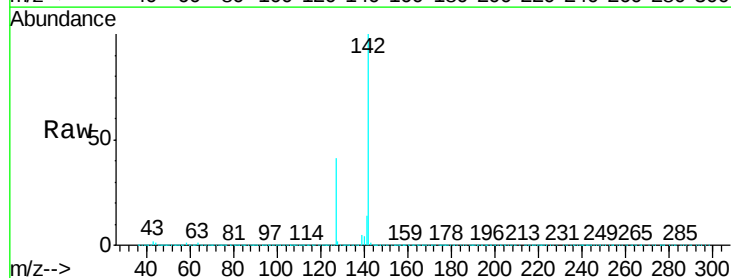
RT: 2.50 min Scan# 264

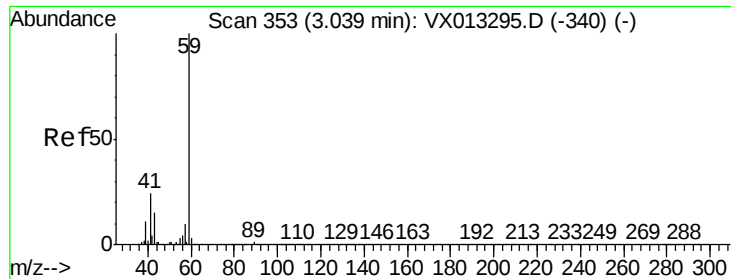
Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Tgt Ion:	142	Resp:	432921
Ion Ratio	Lower	Upper	
142	100		
127	40.8	32.6	49.0
141	14.5	11.6	17.4





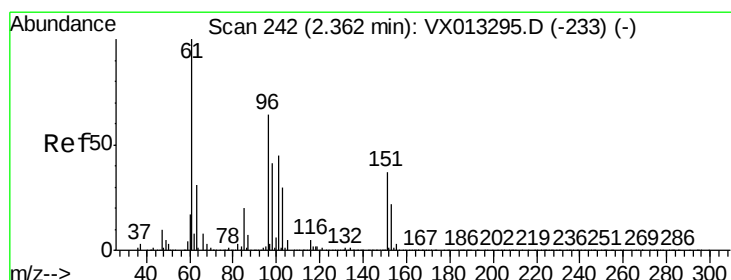
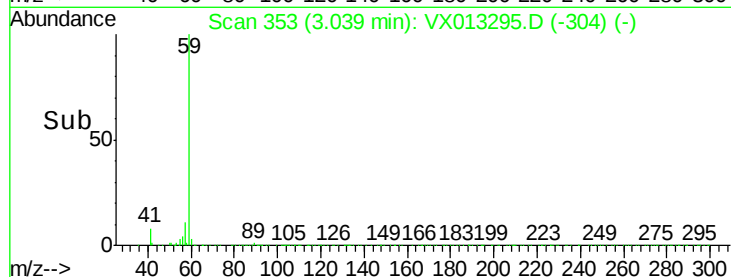
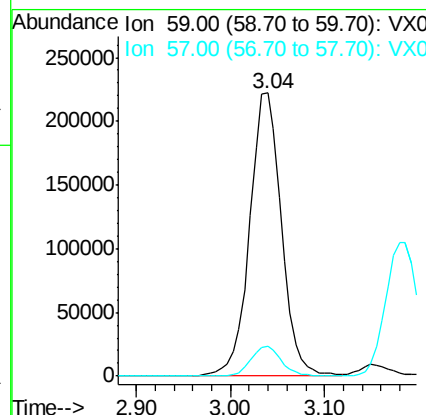
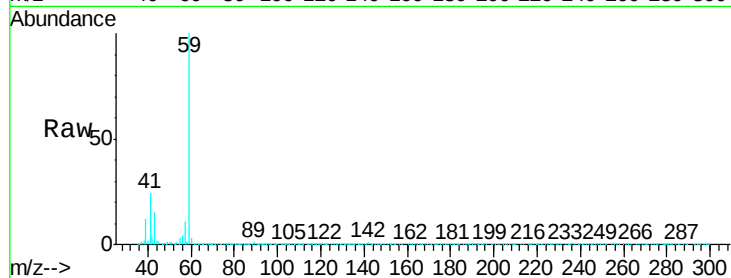
#11
Tert butyl alcohol
Concen: 280.050 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 519222
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0

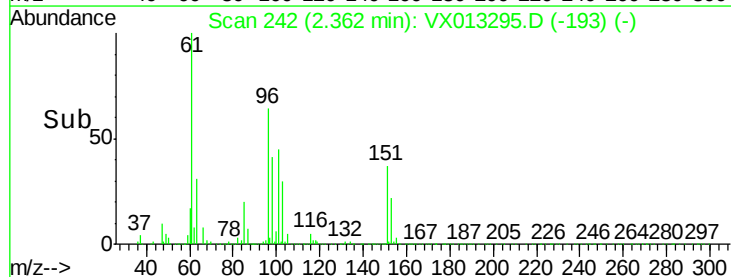
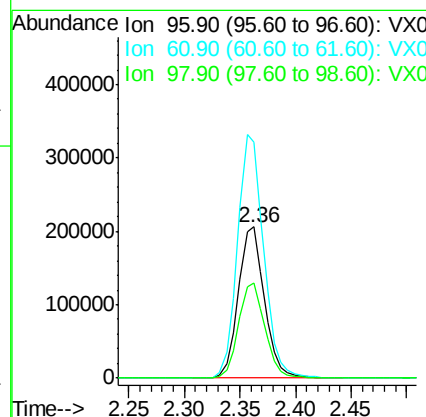
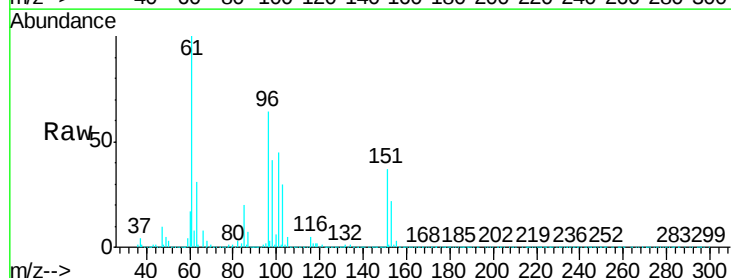
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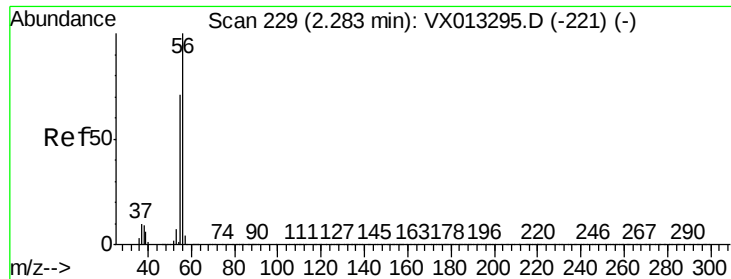
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#12
1,1-Dichloroethene
Concen: 52.194 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 96 Resp: 334191
Ion Ratio Lower Upper
96 100
61 156.3 125.0 187.6
98 63.4 50.7 76.1





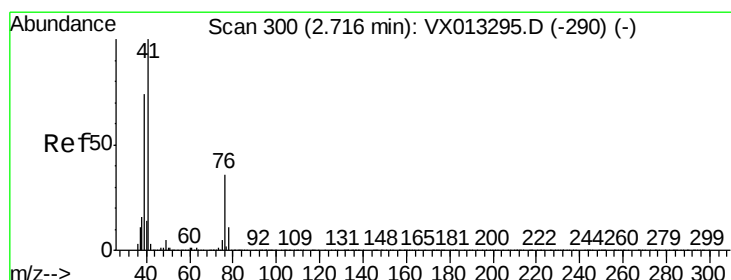
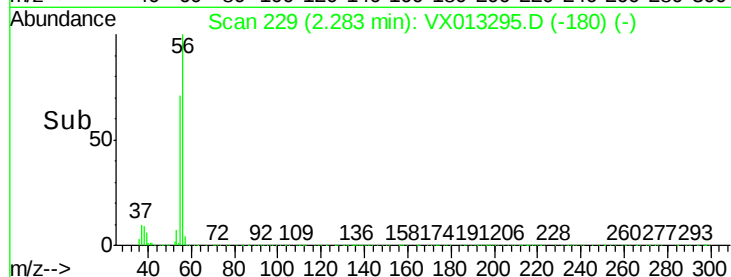
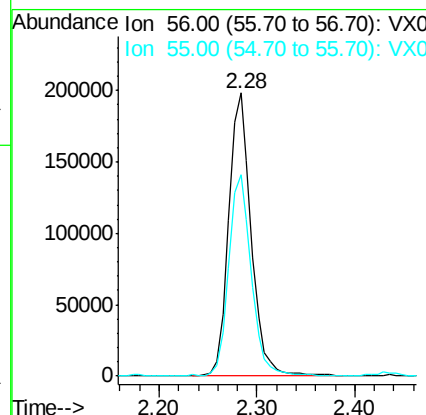
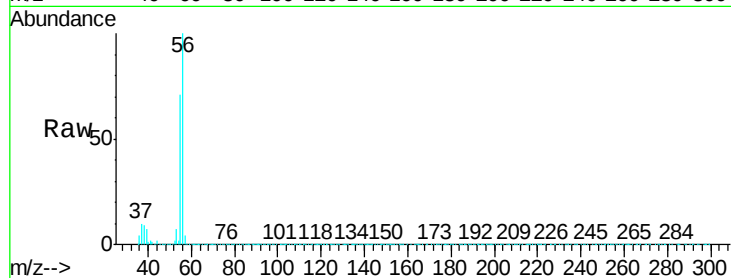
#13
Acrolein
Concen: 290.946 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	71.7	57.4	86.0

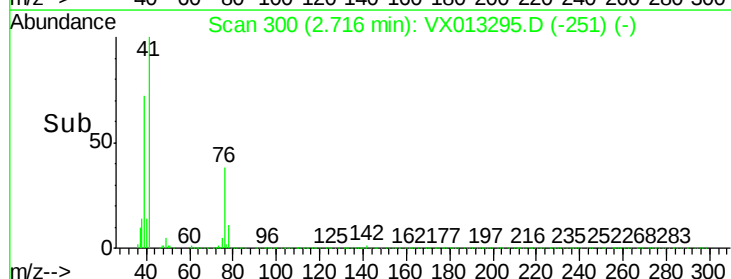
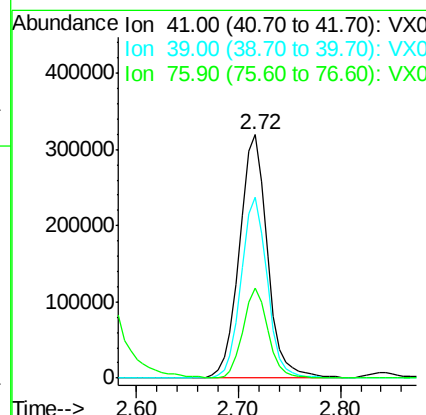
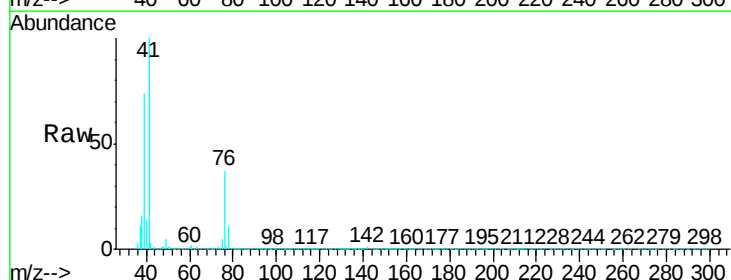
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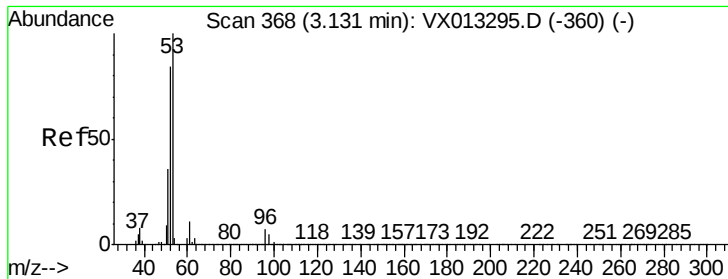
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#14
Allyl chloride
Concen: 61.998 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.8	55.8	83.8
76	33.0	26.4	39.6





#15

Acrylonitrile

Concen: 293.423 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

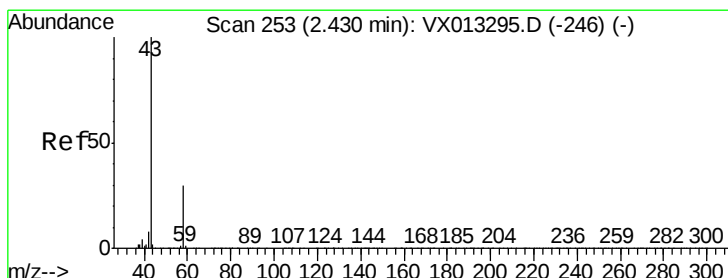
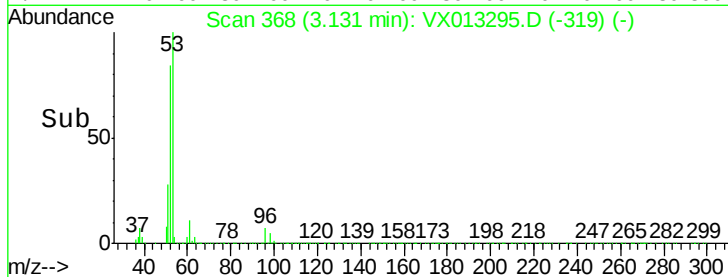
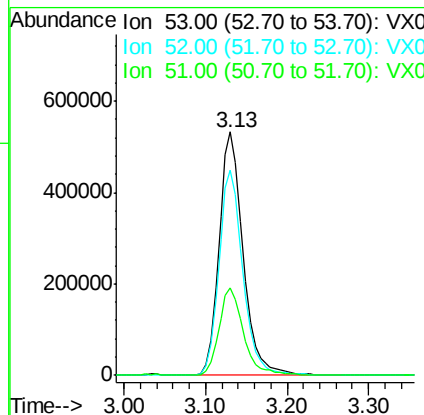
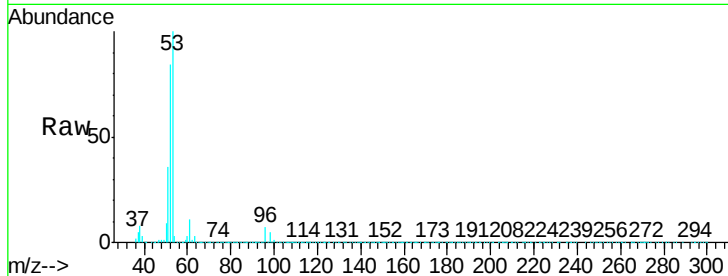
ClientSampleId :

VSTDICCC050

Tgt Ion:	53	Resp:	1091912
Ion	Ratio	Lower	Upper
53	100		
52	84.2	67.4	101.0
51	36.8	29.4	44.2

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#16

Acetone

Concen: 301.126 ug/l

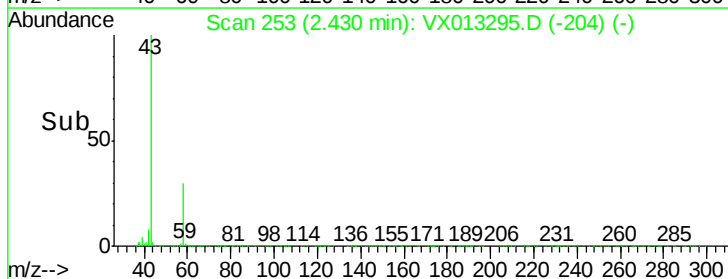
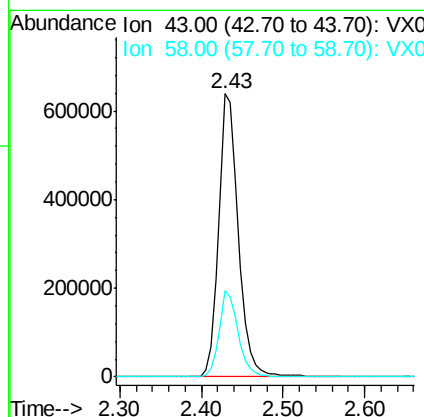
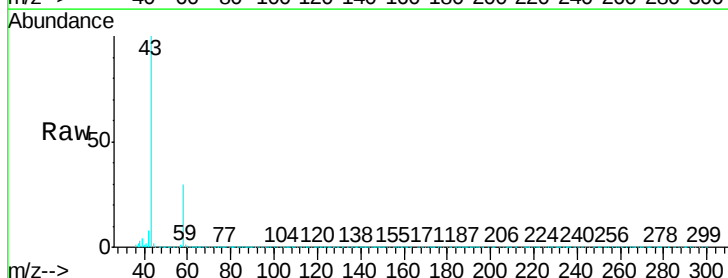
RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Tgt Ion:	43	Resp:	1080458
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.3	36.5





#17

Carbon Disulfide

Concen: 54.188 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 896530

Ion Ratio Lower Upper

76 100

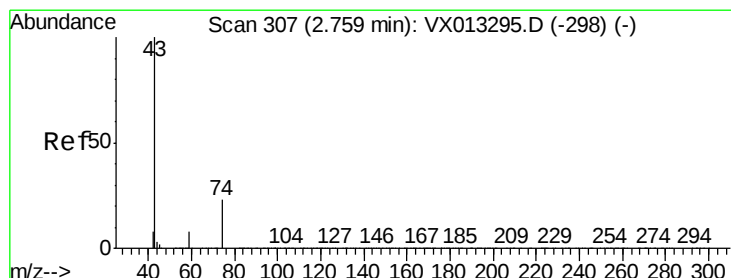
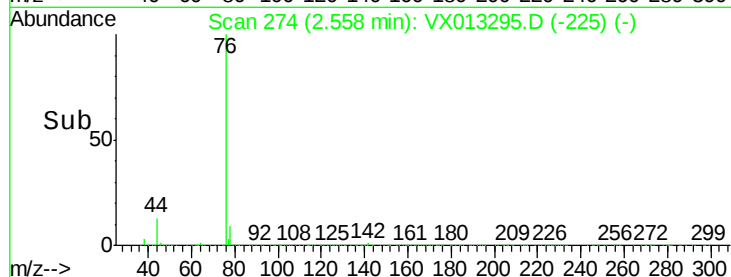
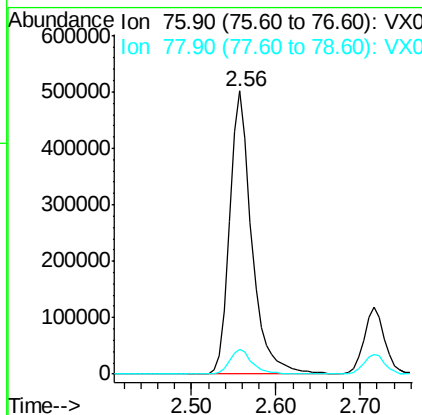
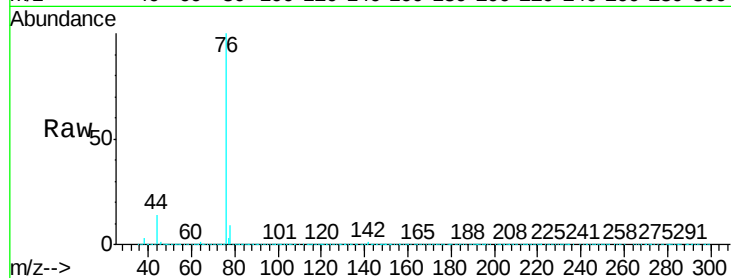
78 8.8 7.0 10.6

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#18

Methyl Acetate

Concen: 70.151 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013295.D

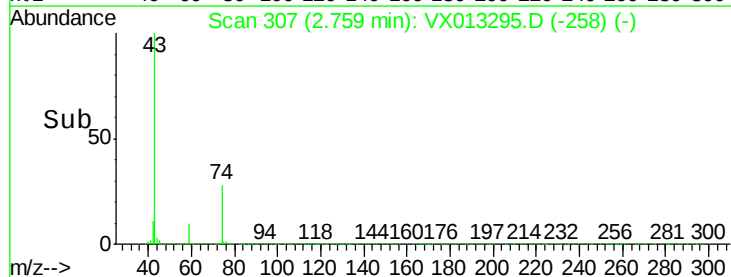
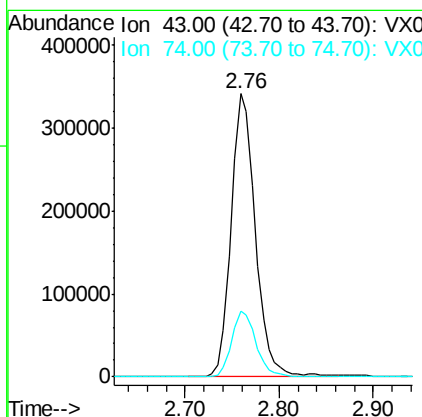
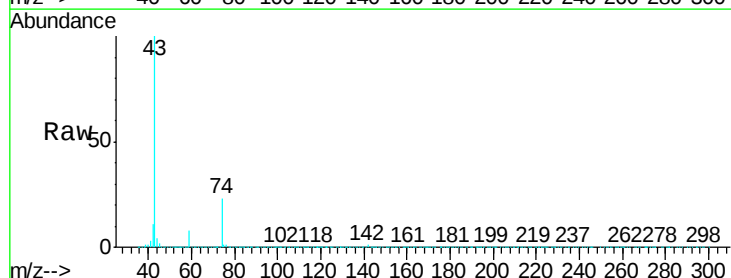
Acq: 31 Oct 2019 17:29

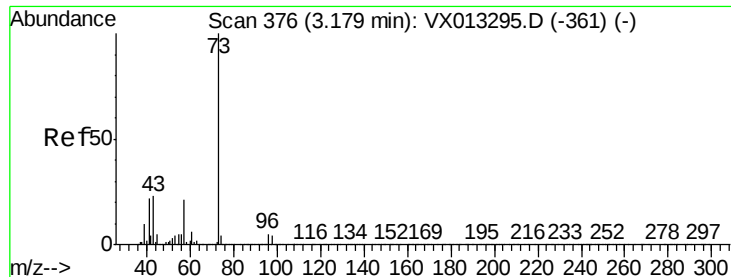
Tgt Ion: 43 Resp: 605849

Ion Ratio Lower Upper

43 100

74 23.8 19.0 28.6





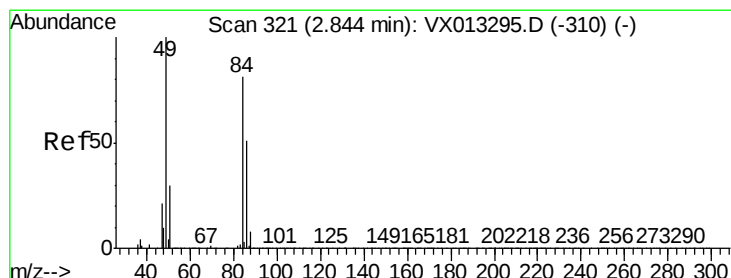
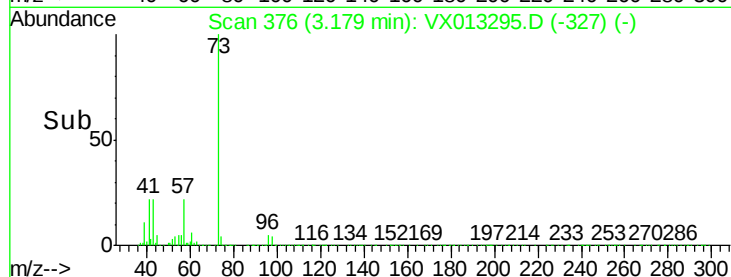
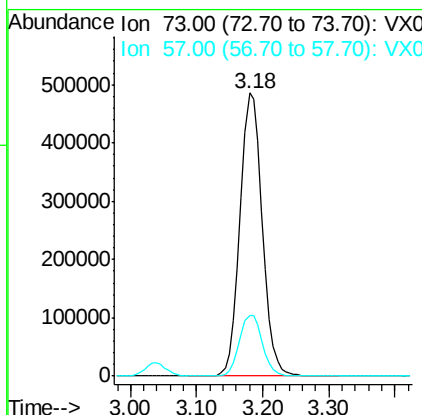
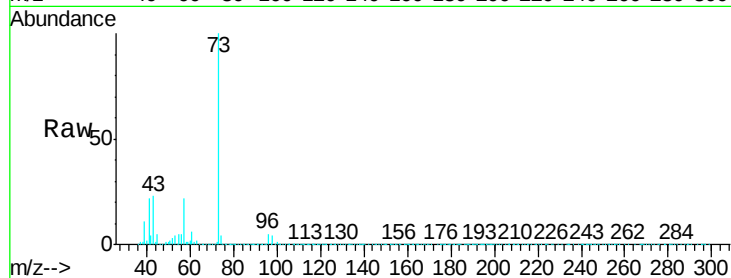
#19
Methyl tert-butyl Ether
Concen: 54.277 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 1137664
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7

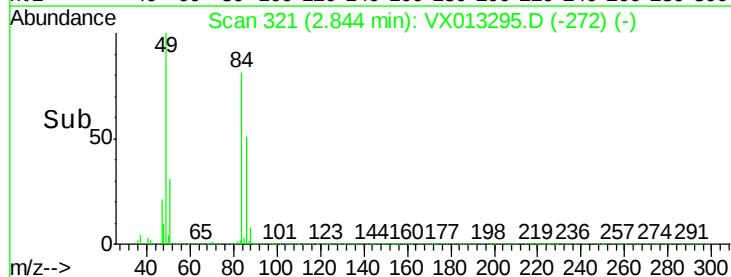
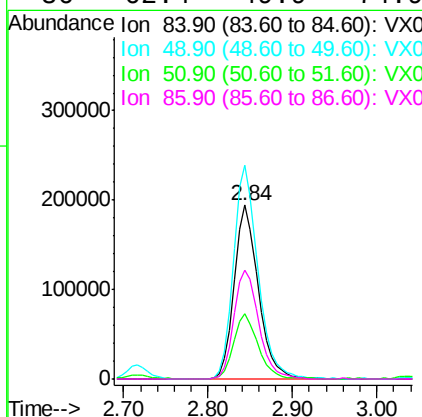
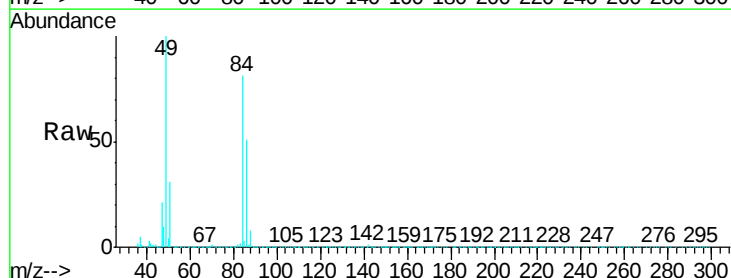
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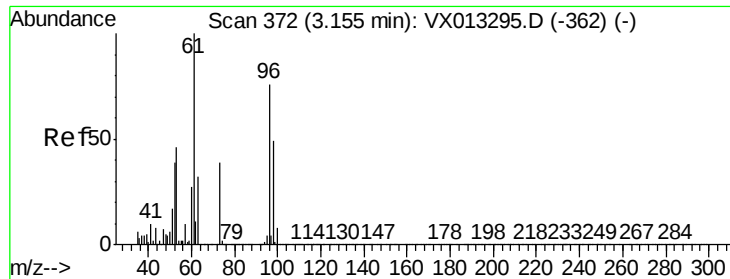
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#20
Methylene Chloride
Concen: 51.100 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 84 Resp: 376225
Ion Ratio Lower Upper
84 100
49 122.8 98.2 147.4
51 37.4 29.9 44.9
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 52.547 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

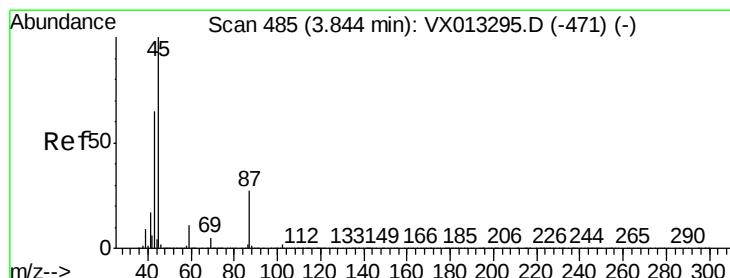
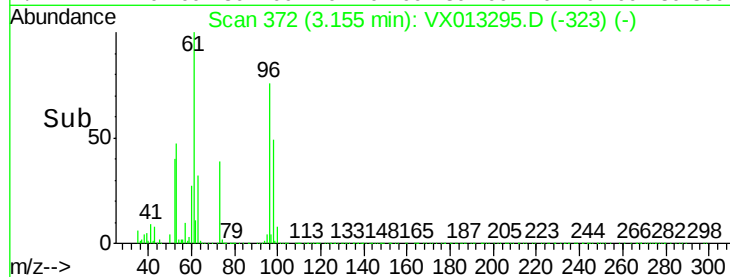
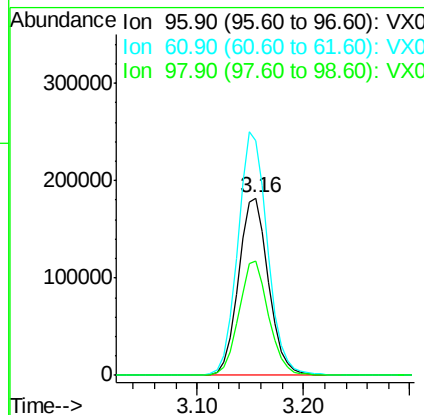
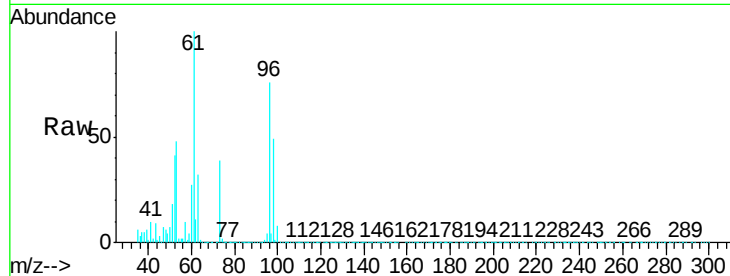
ClientSampleId :

VSTDICCC050

Tgt Ion:	96	Resp:	358949
Ion	Ratio	Lower	Upper
96	100		
61	132.2	105.8	158.6
98	64.7	51.8	77.6

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#22

Diisopropyl ether

Concen: 58.992 ug/l

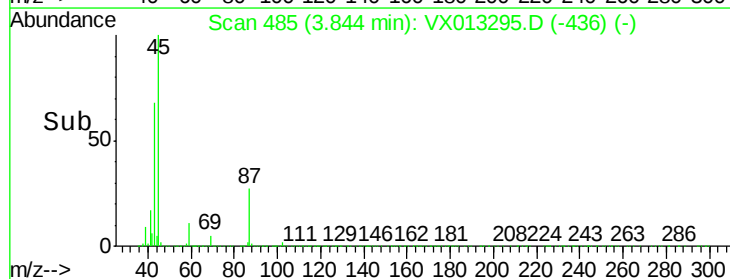
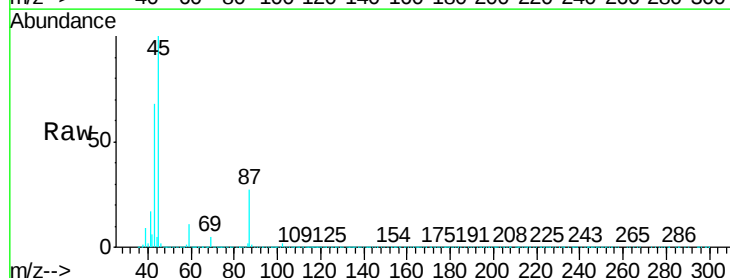
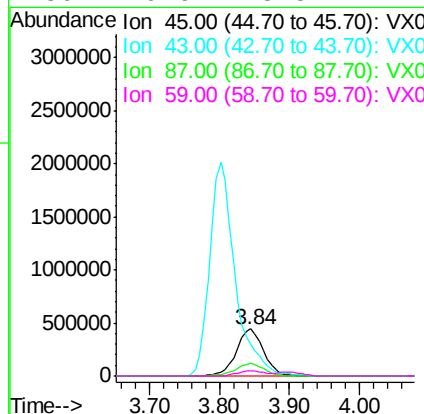
RT: 3.84 min Scan# 485

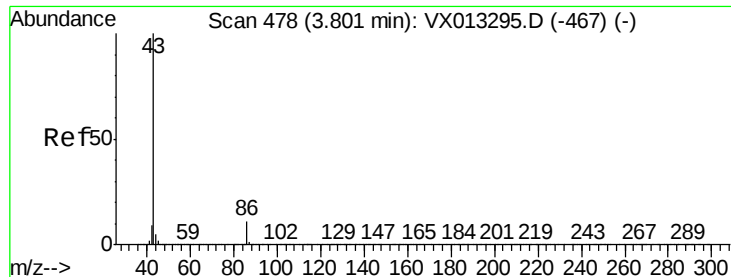
Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Tgt Ion:	45	Resp:	1199128
Ion	Ratio	Lower	Upper
45	100		
43	67.7	54.2	81.2
87	27.3	21.8	32.8
59	10.6	8.5	12.7





#23

Vinyl Acetate

Concen: 300.521 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 5145310

Ion Ratio Lower Upper

43 100

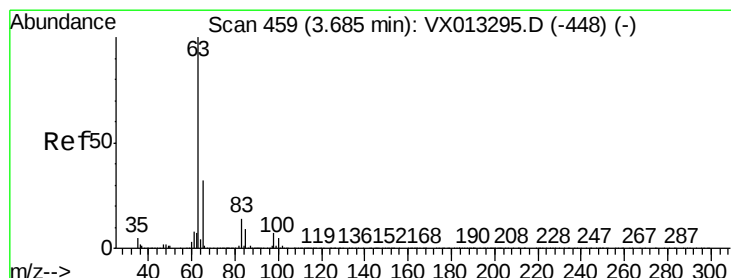
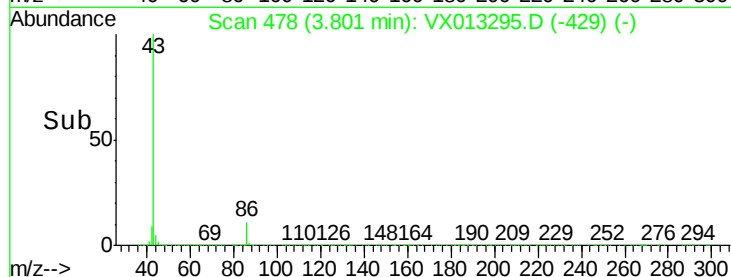
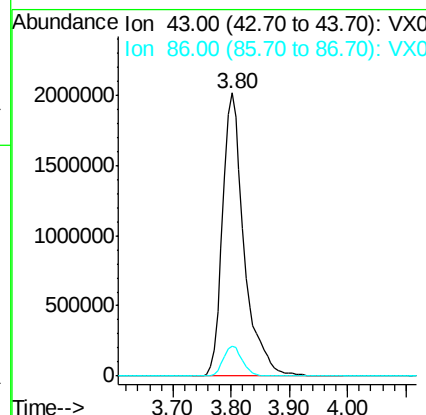
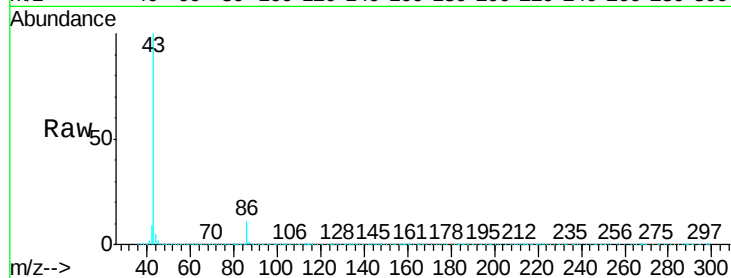
86 10.8 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 55.596 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

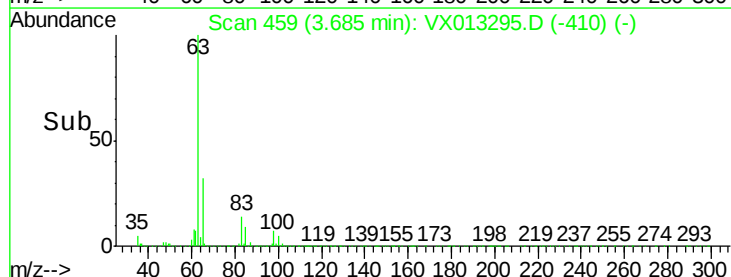
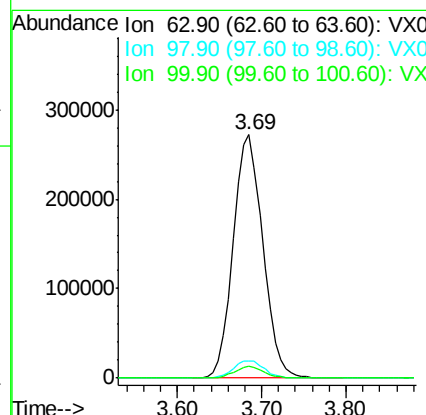
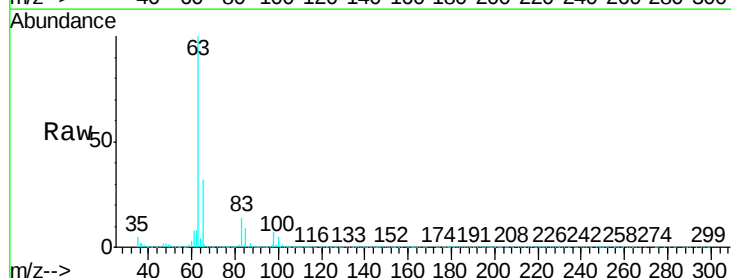
Tgt Ion: 63 Resp: 648048

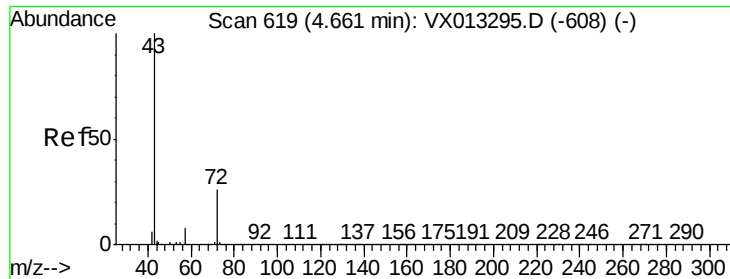
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 314.492 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 1631783

Ion Ratio Lower Upper

43 100

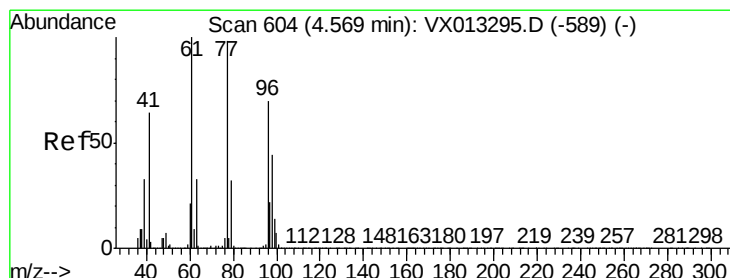
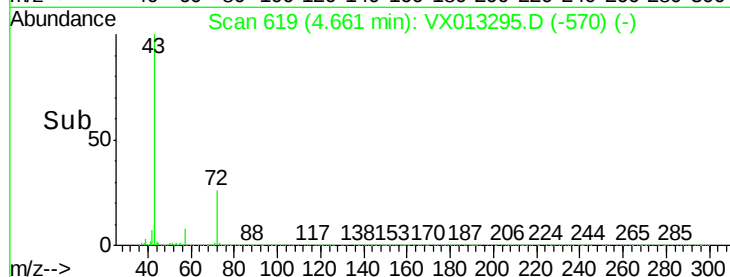
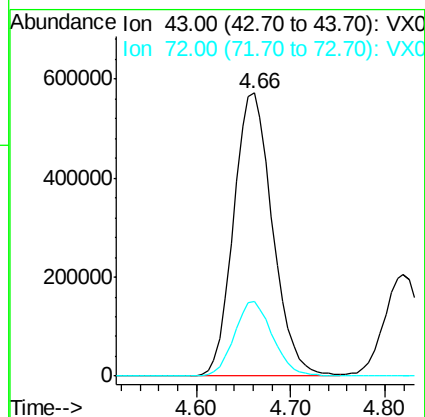
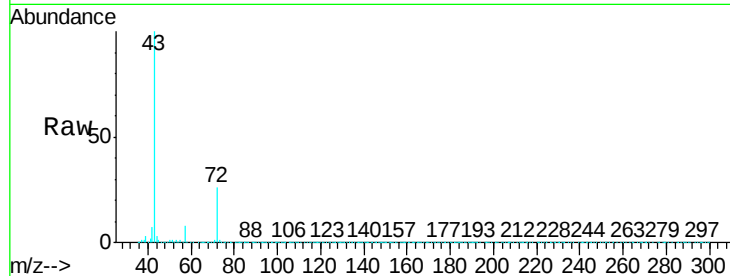
72 26.3 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 54.625 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013295.D

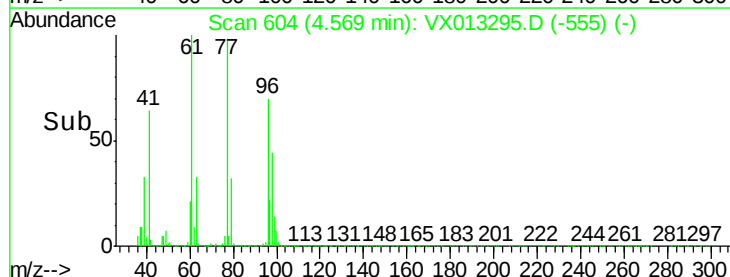
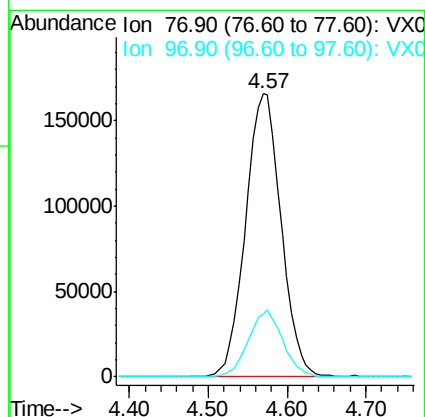
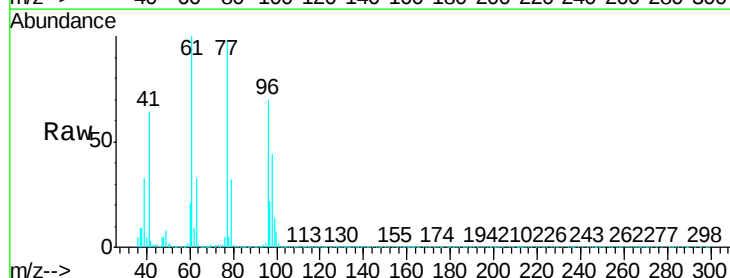
Acq: 31 Oct 2019 17:29

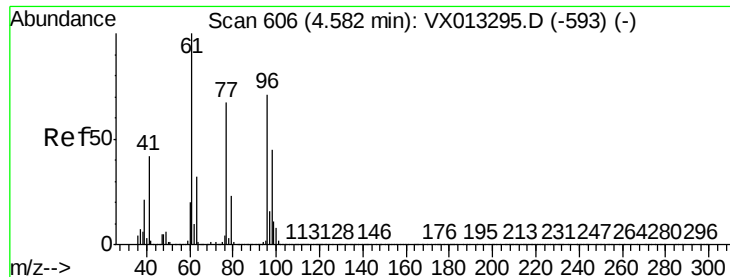
Tgt Ion: 77 Resp: 518500

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8





#27

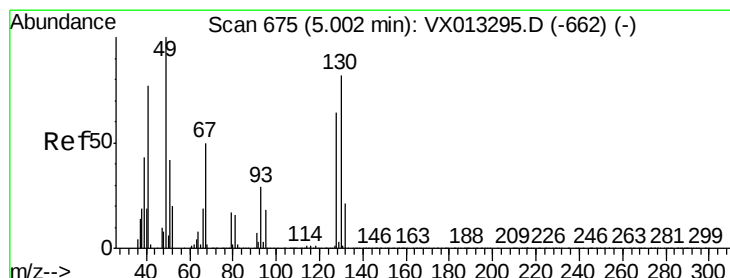
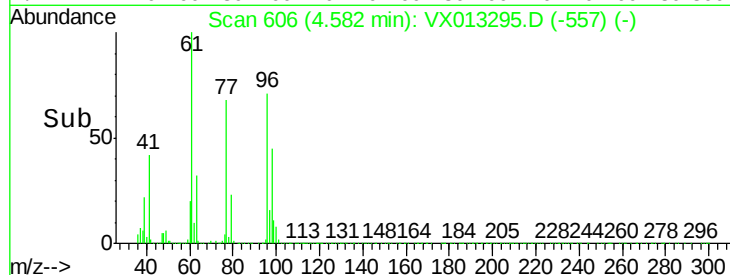
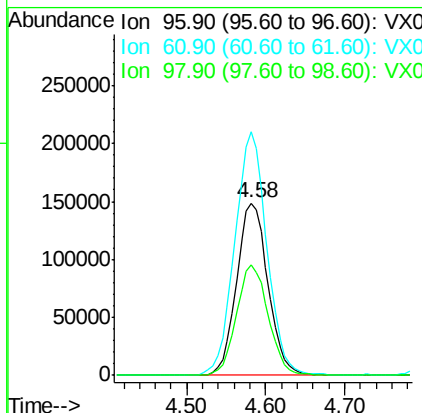
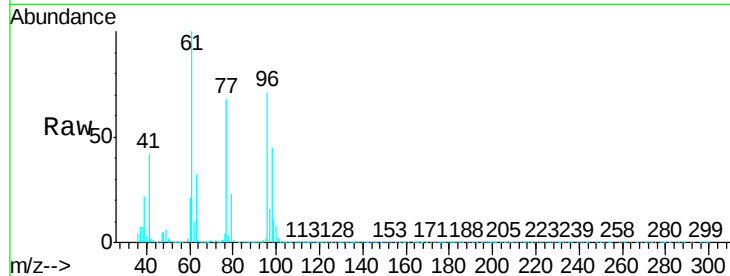
cis-1,2-Dichloroethene
Concen: 51.837 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	410960		
61	144.0	0.0	288.0	
98	64.8	0.0	129.6	

Manual Integrations
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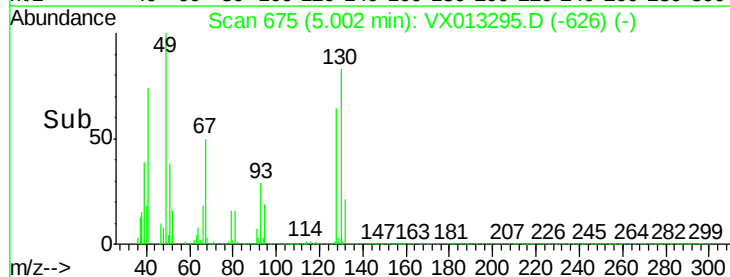
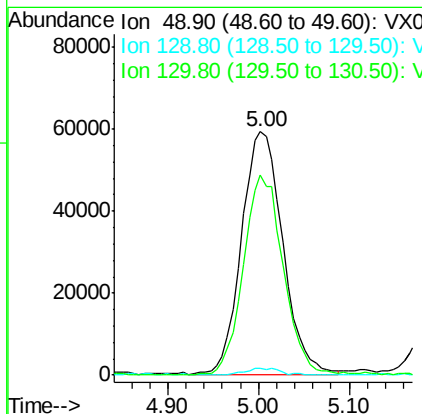
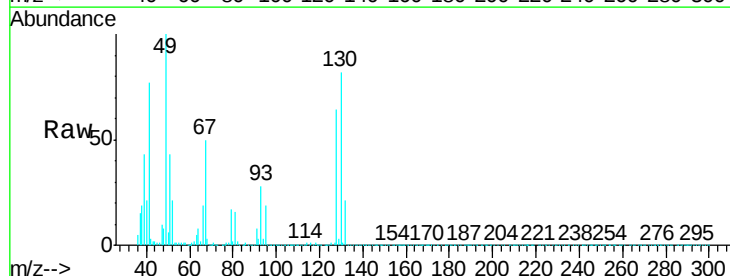
MMDadoda
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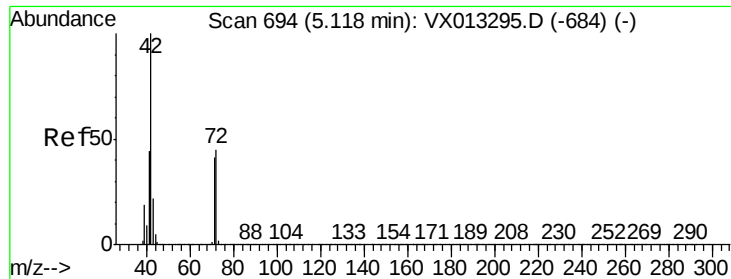


#28

Bromochloromethane
Concen: 36.455 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	186070		
129	2.6	0.0	5.2	
130	79.7	63.8	95.6	





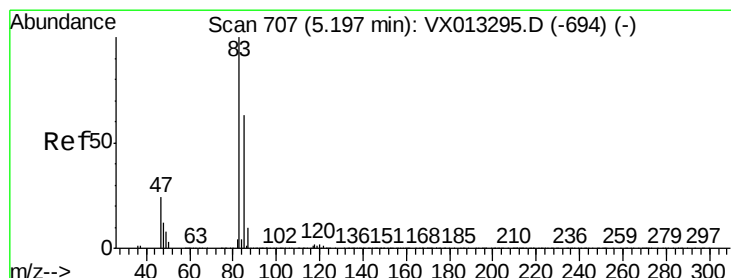
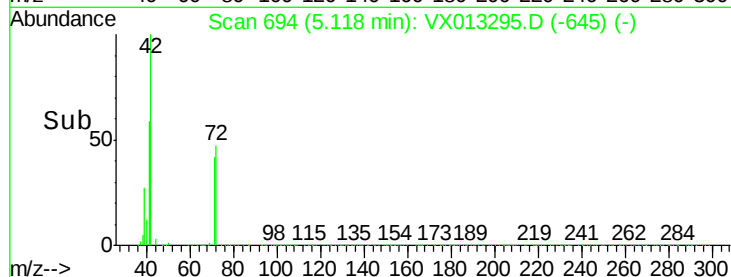
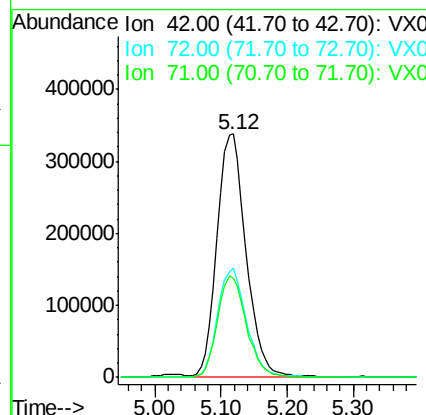
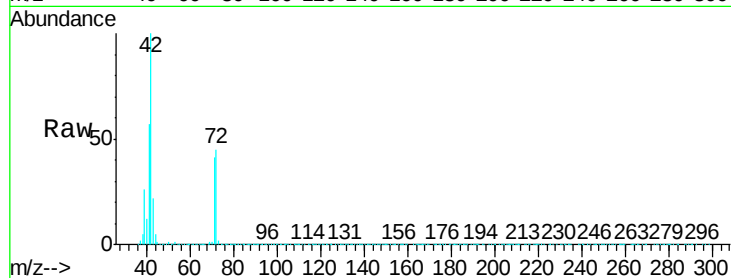
#29
Tetrahydrofuran
Concen: 312.068 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 1026924
Ion Ratio Lower Upper
42 100
72 44.8 35.8 53.8
71 41.7 33.4 50.0

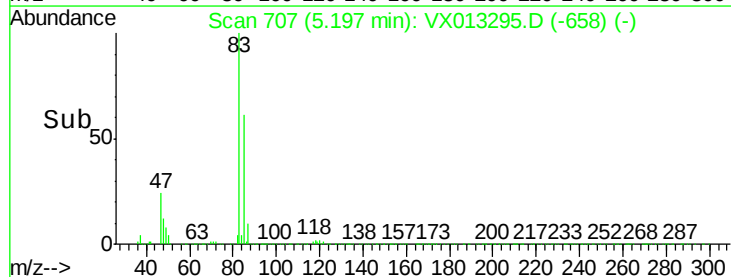
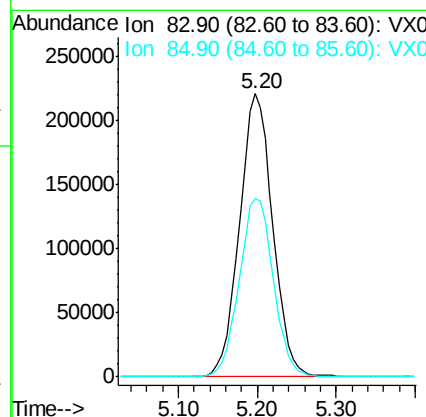
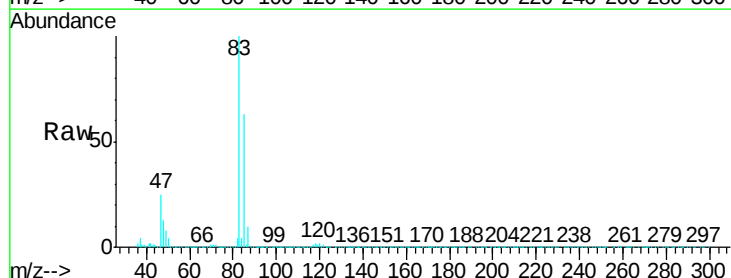
Manual Integrations
APPROVED

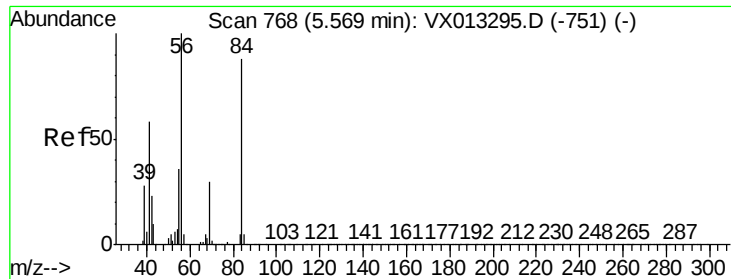
MMDadoda
11/4/2019 3:41:09 PM



#30
Chloroform
Concen: 51.926 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 83 Resp: 645687
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4





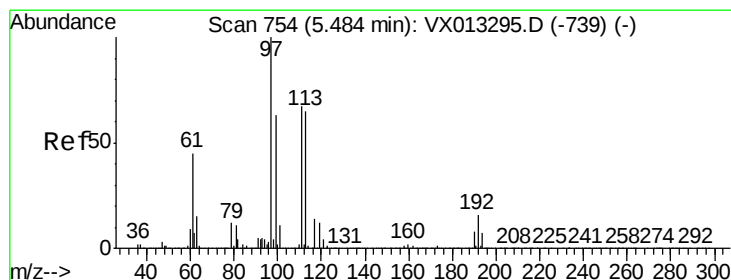
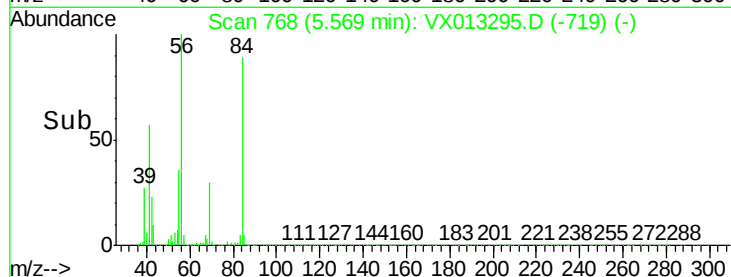
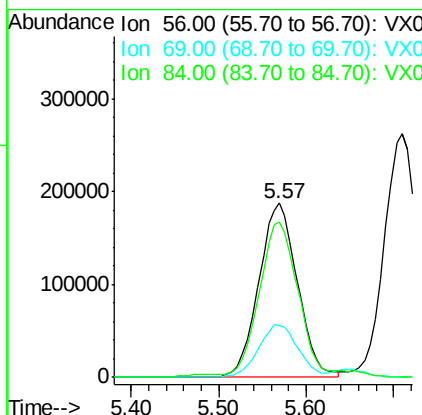
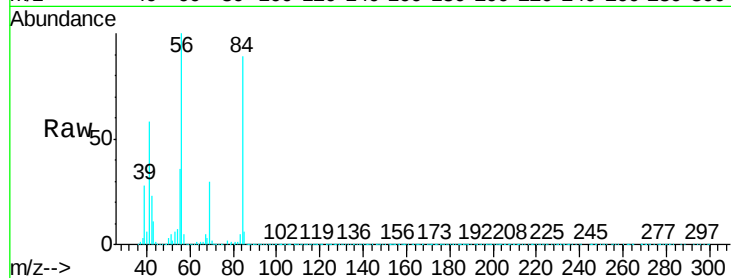
#31
Cyclohexane
Concen: 54.114 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.7	35.5
84	88.2	70.6	105.8

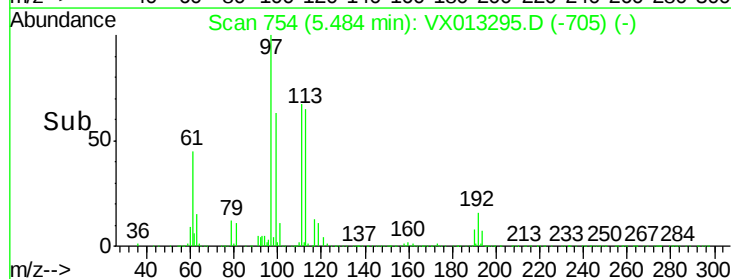
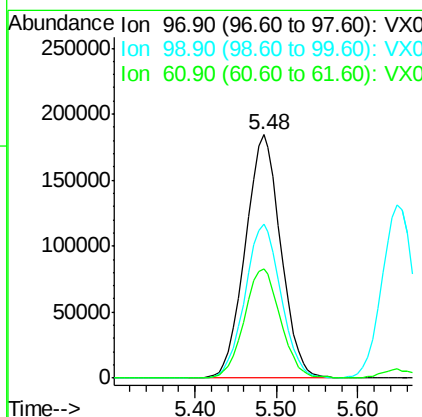
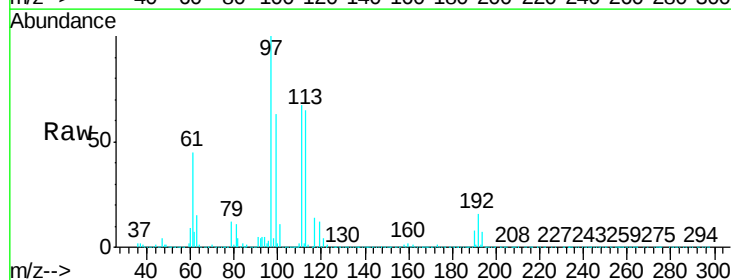
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 52.031 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	45.6	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 53.561 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 417722

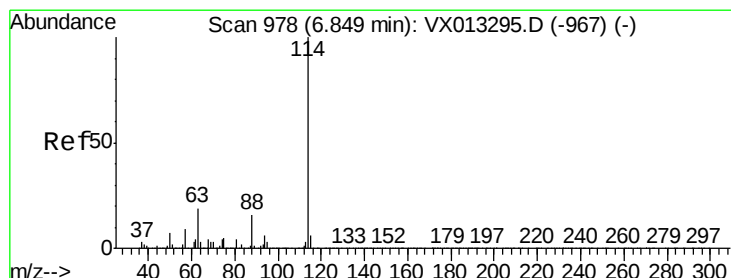
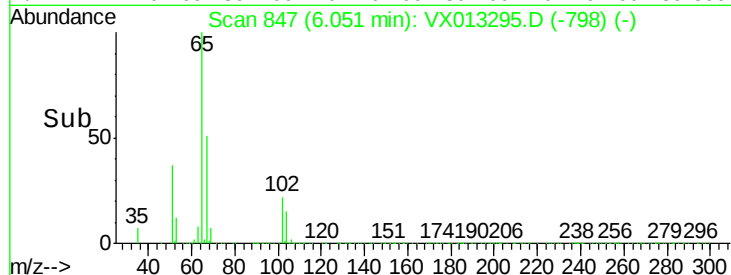
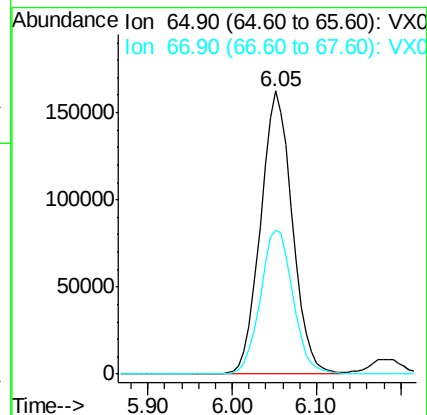
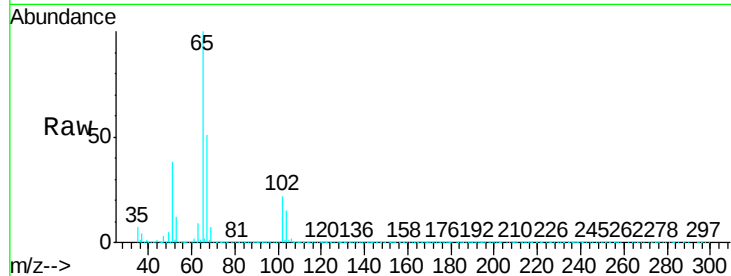
Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.2

Manual Integrations
APPROVED

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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: VX013295.D

Acq: 31 Oct 2019 17:29

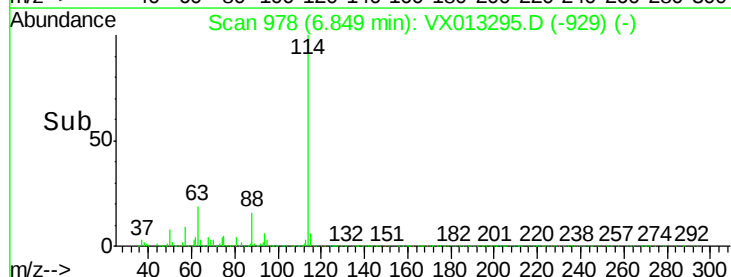
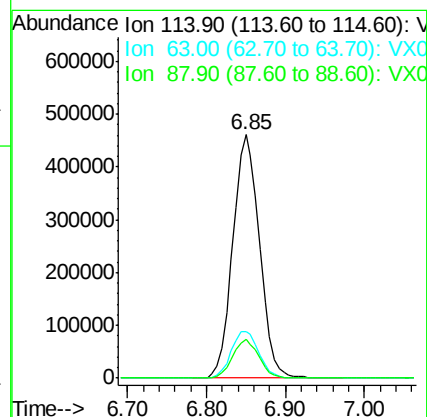
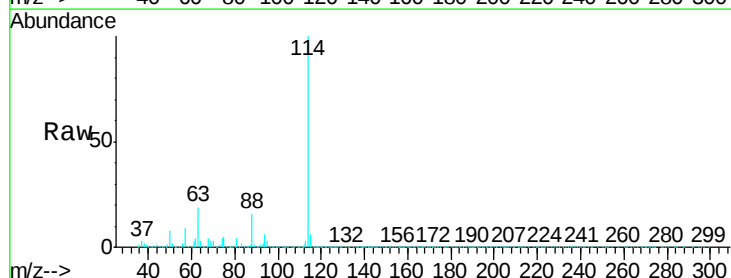
Tgt Ion: 114 Resp: 1083905

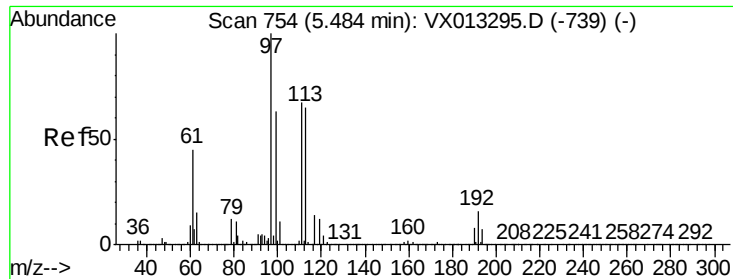
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 16.1 0.0 32.2





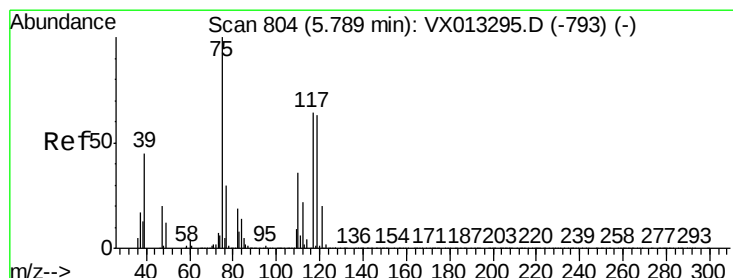
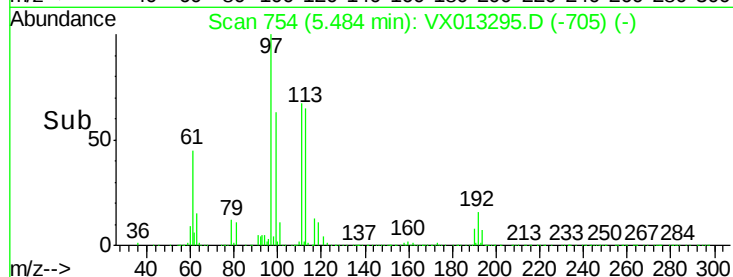
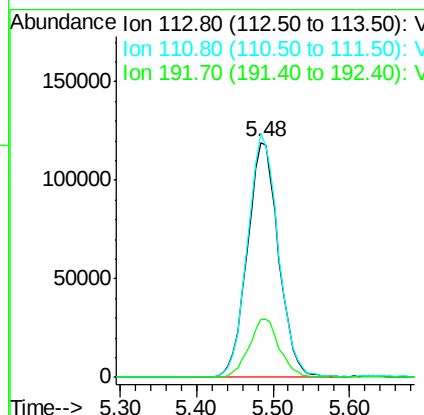
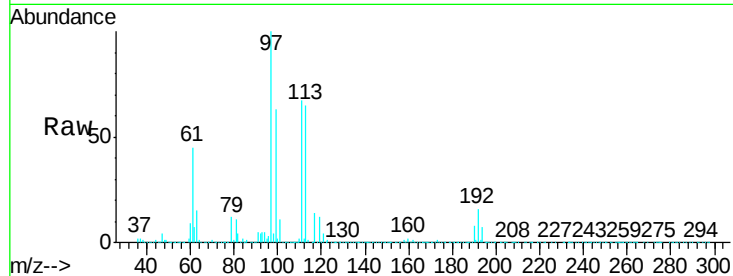
#35
 Dibromofluoromethane
 Concen: 49.265 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	338364		
111	102.4	81.9	122.9	
192	23.9	19.1	28.7	

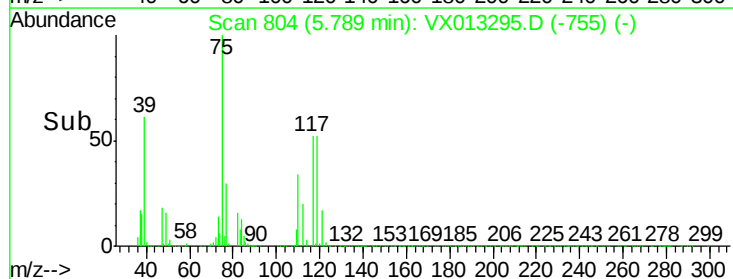
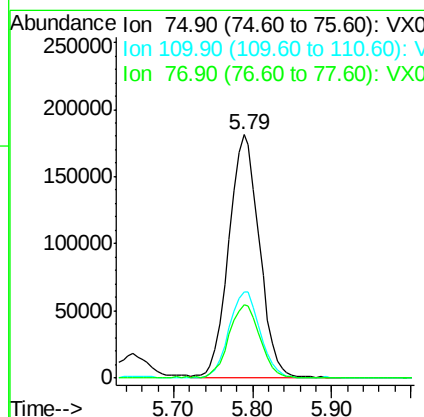
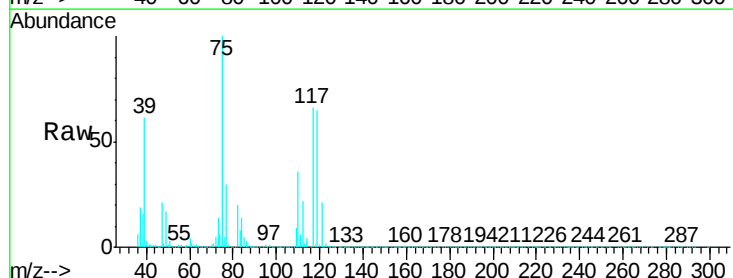
Manual Integrations
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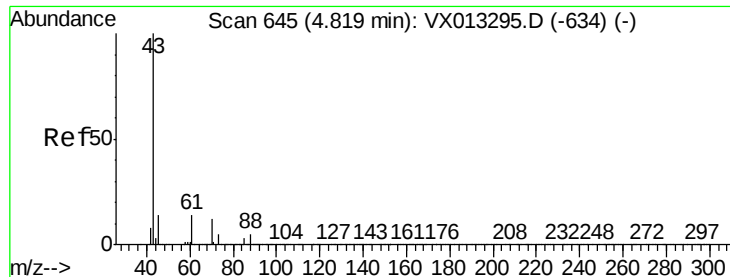
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#36
 1,1-Dichloropropene
 Concen: 53.700 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	486539		
110	36.1	18.1	54.1	
77	31.2	25.0	37.4	





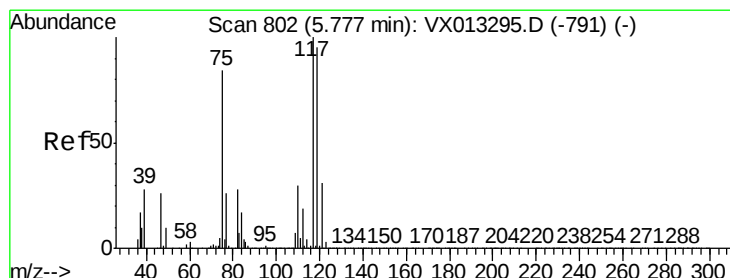
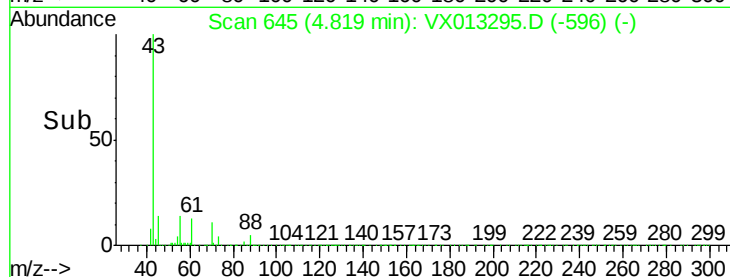
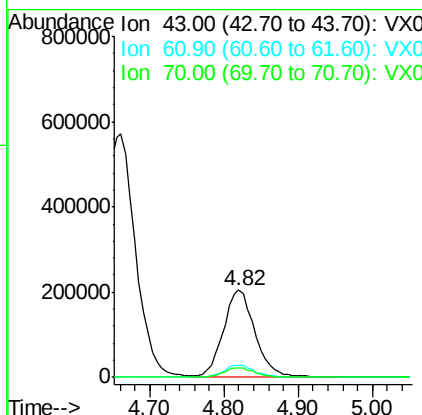
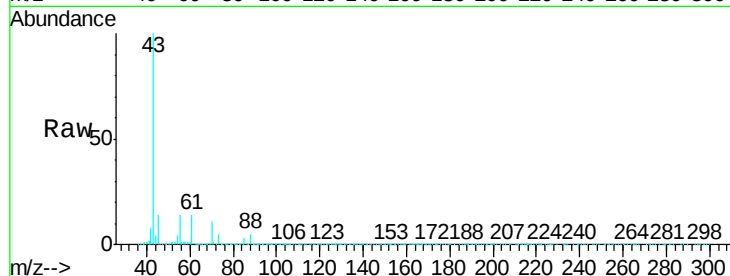
#37
Ethyl Acetate
Concen: 62.767 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.9	8.7	13.1

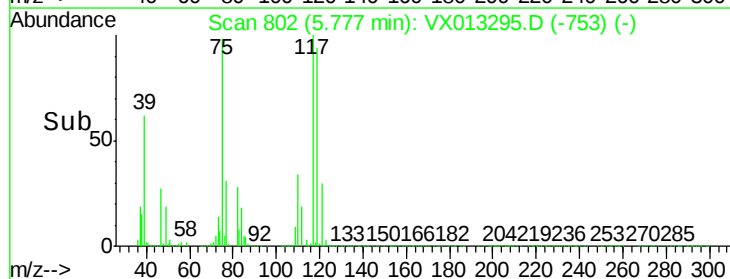
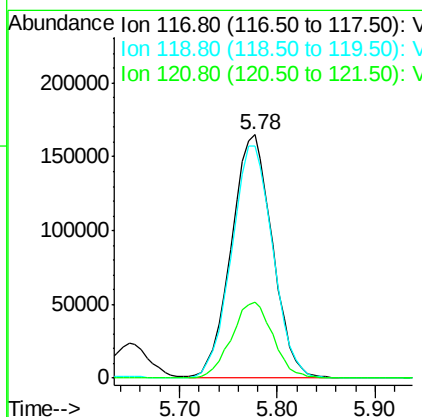
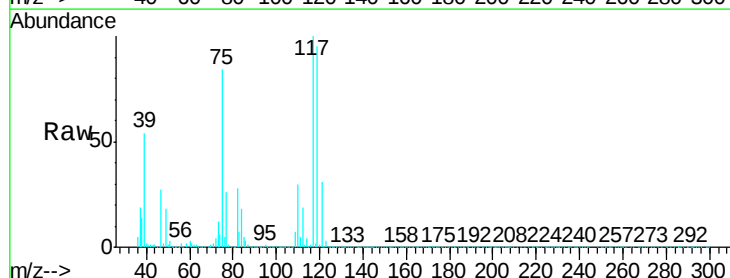
Manual Integrations
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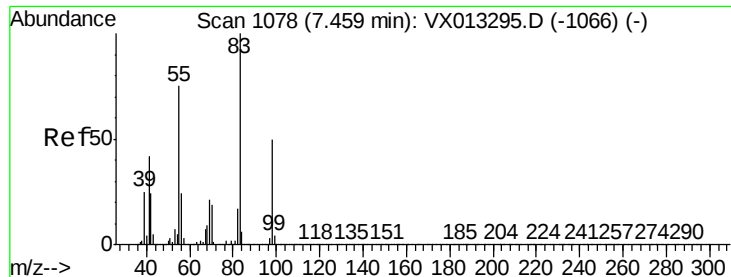
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#38
Carbon Tetrachloride
Concen: 51.322 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1
121	30.8	24.6	37.0





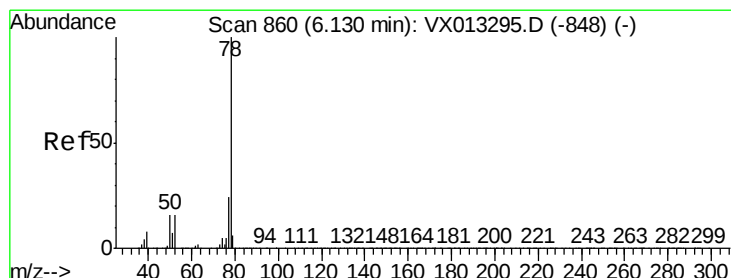
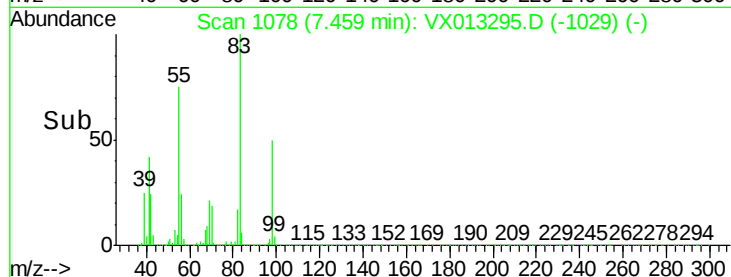
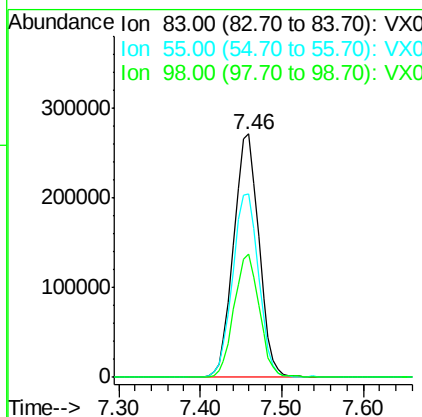
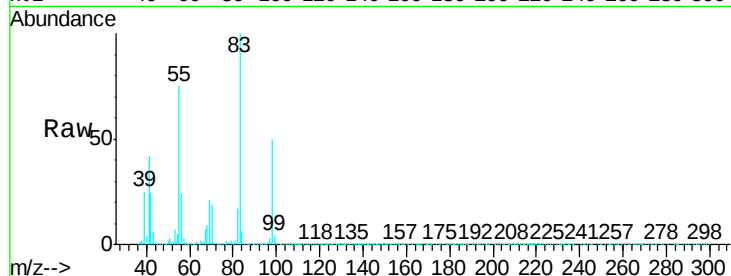
#39
Methylcyclohexane
Concen: 50.296 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.4	60.3	90.5
98	50.4	40.3	60.5

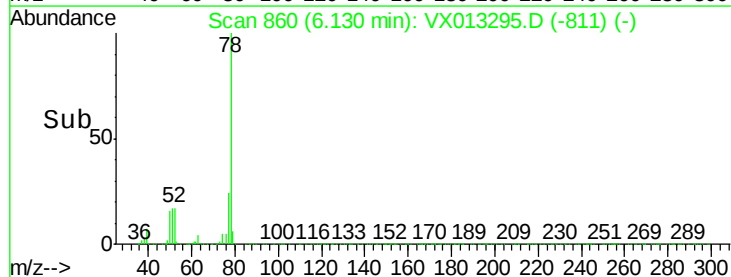
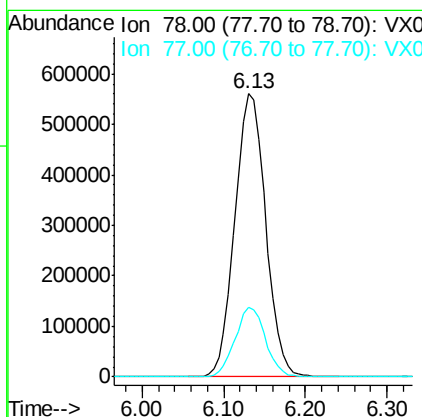
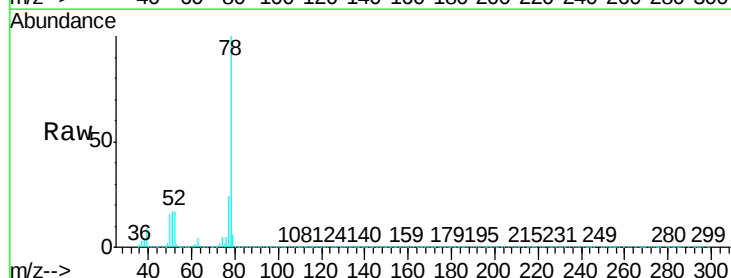
Manual Integrations
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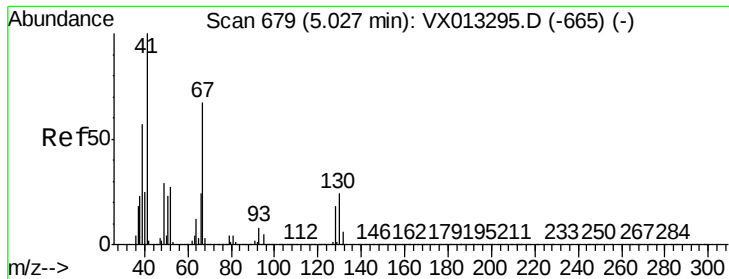
MMDadoda
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#40
Benzene
Concen: 53.068 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





#41

Methacrylonitrile

Concen: 60.657 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

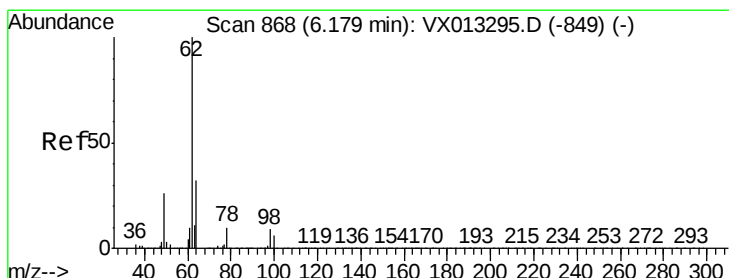
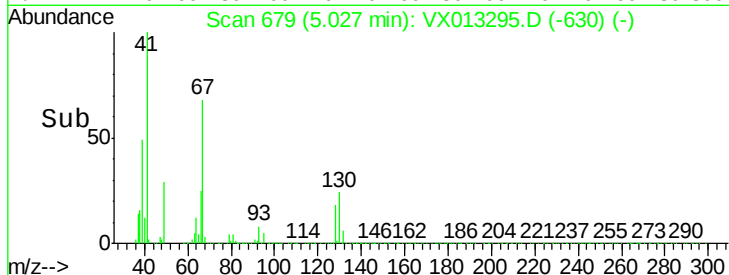
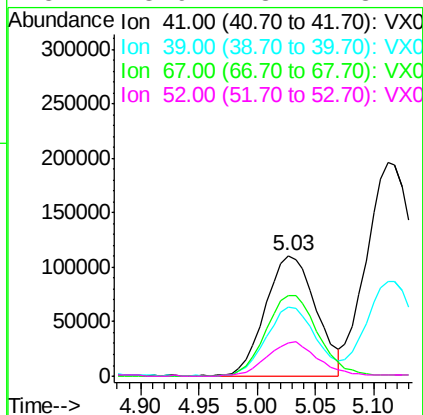
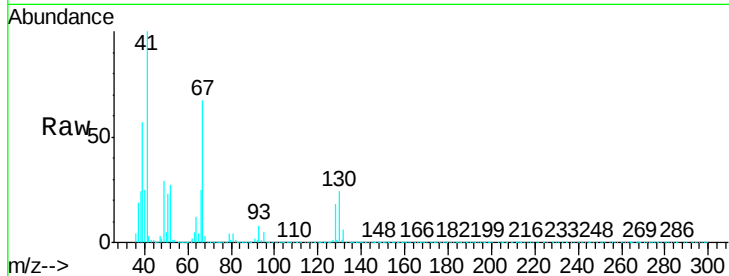
ClientSampleId :

VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.0	67.6
67	69.3	55.4	83.2
52	28.9	23.1	34.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 55.699 ug/l

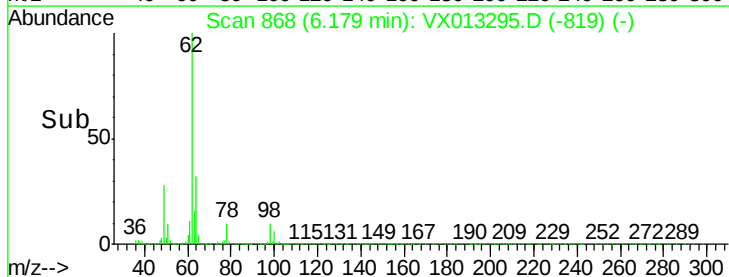
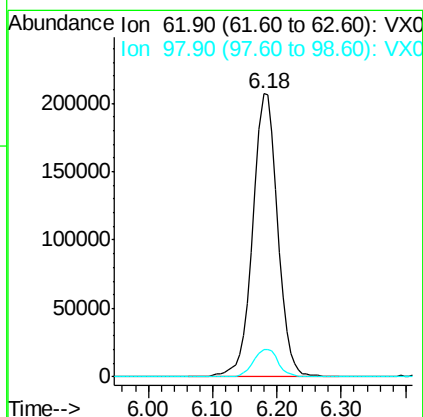
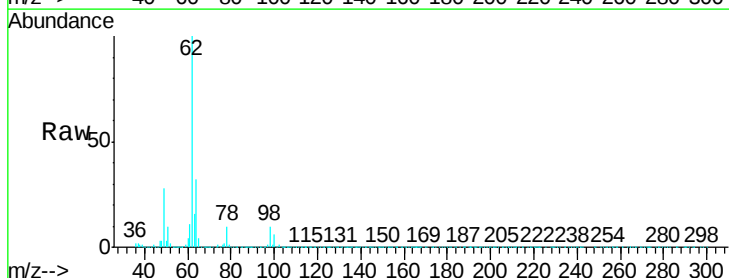
RT: 6.18 min Scan# 868

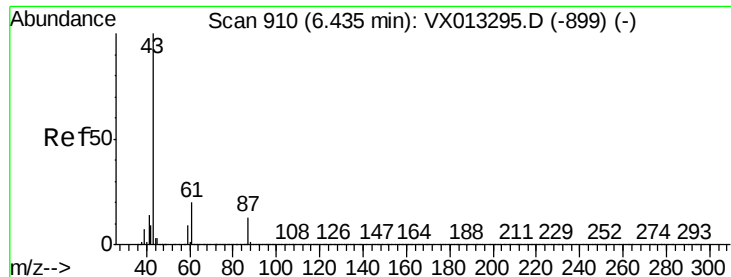
Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

Isopropyl Acetate

Concen: 60.482 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

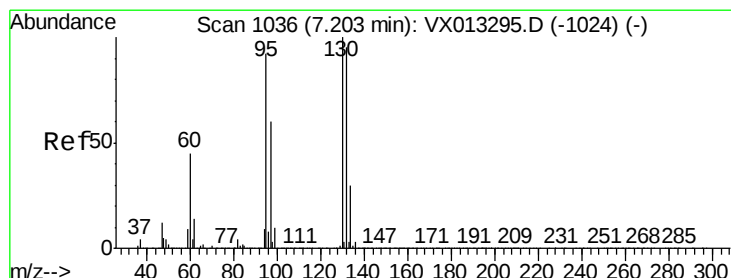
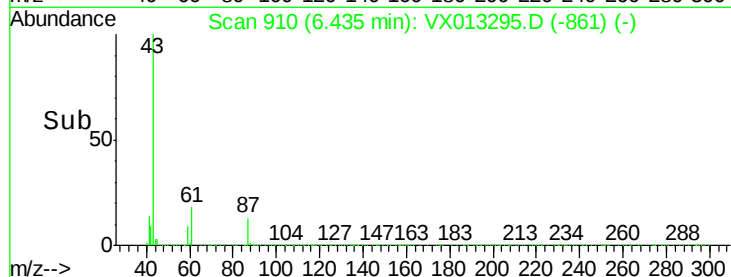
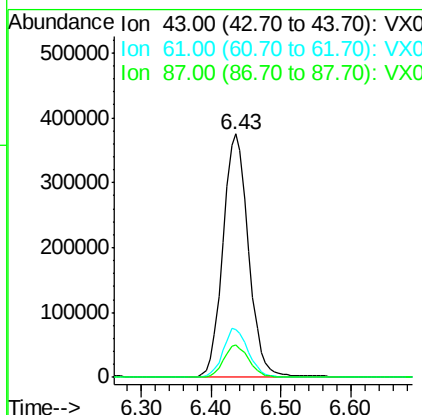
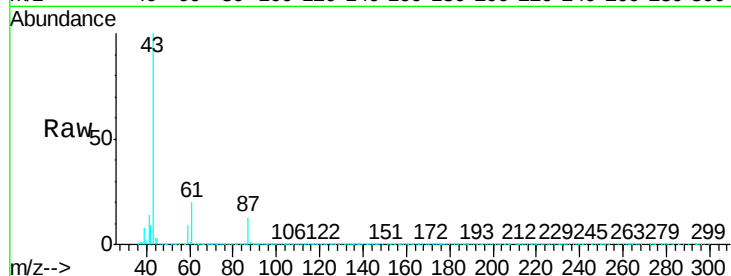
ClientSampleId :

VSTDICCC050

Tgt Ion:	43	Resp:	947863
Ion Ratio		Lower	Upper
43	100		
61	19.8	15.8	23.8
87	13.0	10.4	15.6

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#44

Trichloroethene

Concen: 49.275 ug/l

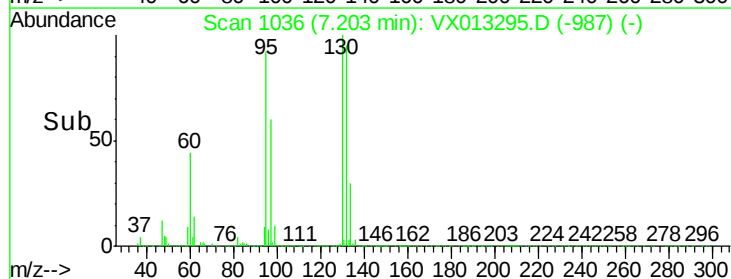
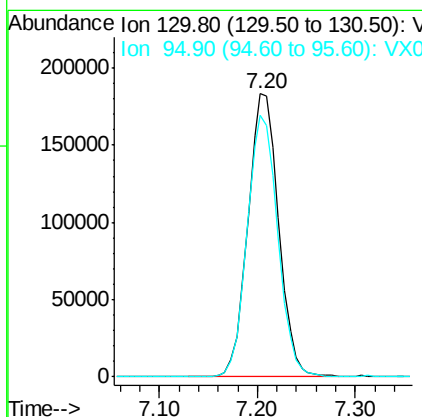
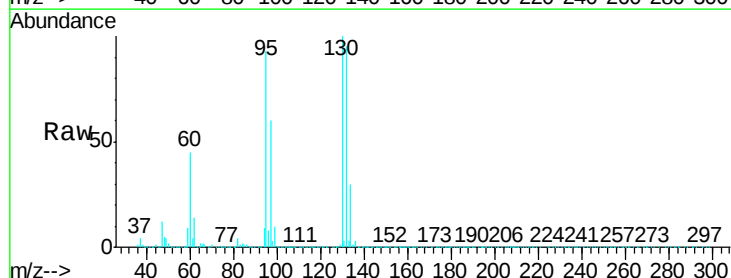
RT: 7.20 min Scan# 1036

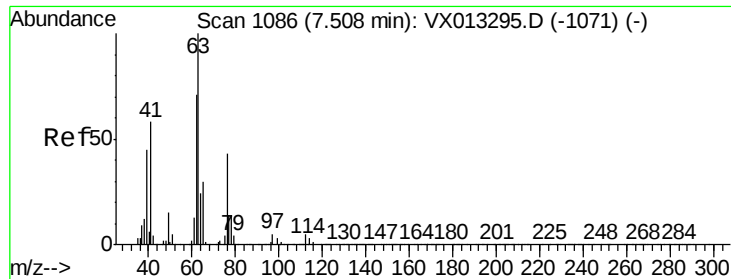
Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Tgt Ion:	130	Resp:	398348
Ion Ratio		Lower	Upper
130	100		
95	92.4	0.0	184.8





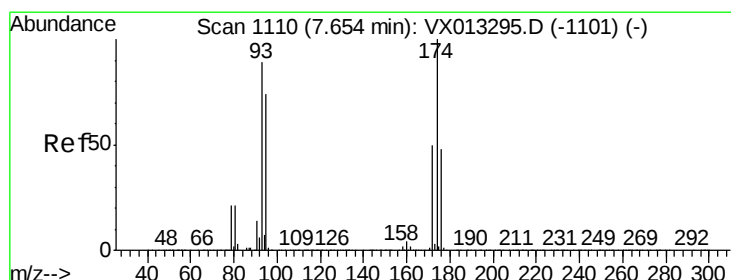
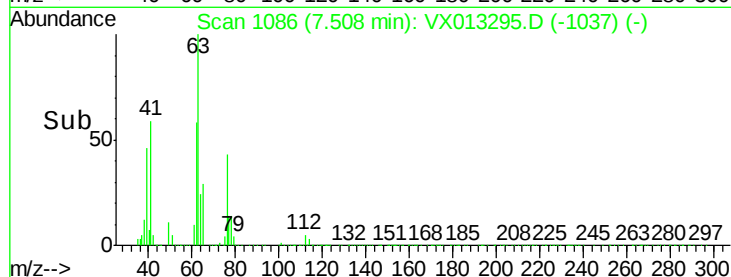
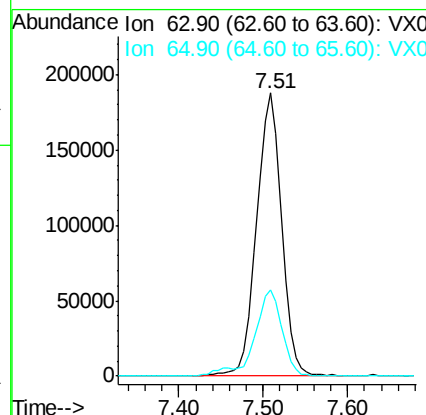
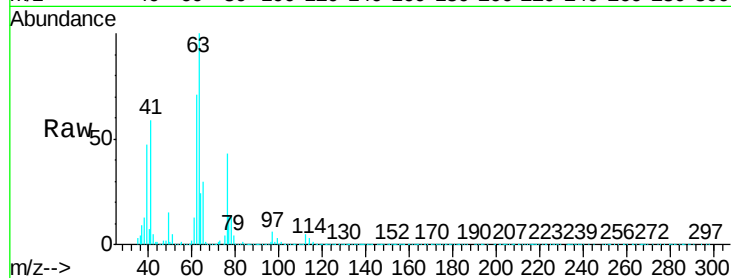
#45
 1,2-Dichloropropane
 Concen: 53.420 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.3	36.5

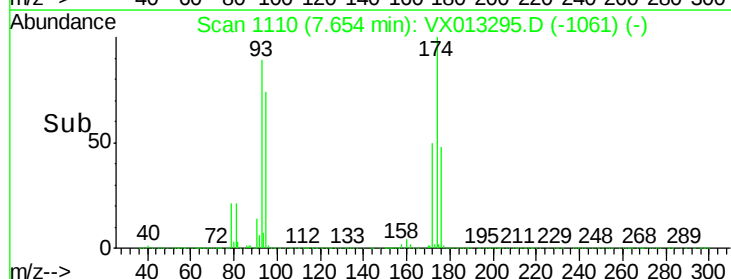
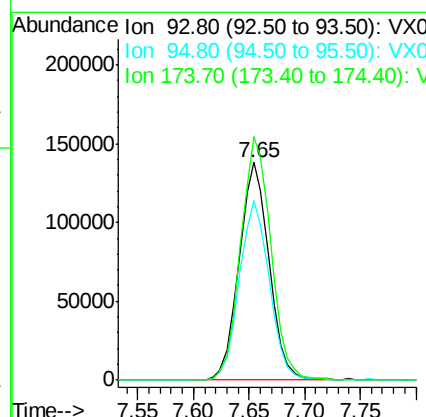
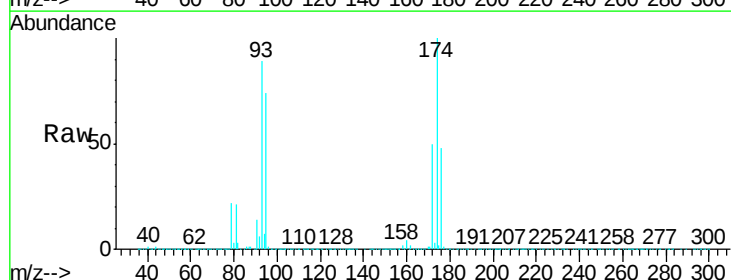
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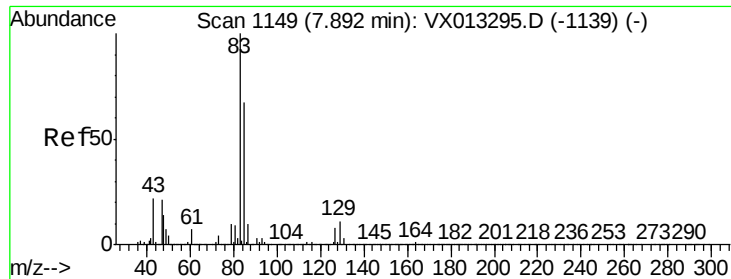
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 11/4/2019 3:41:09 PM



#46
 Dibromomethane
 Concen: 51.449 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	65.8	98.6
174	113.0	90.4	135.6





#47

Bromodichloromethane

Concen: 55.617 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

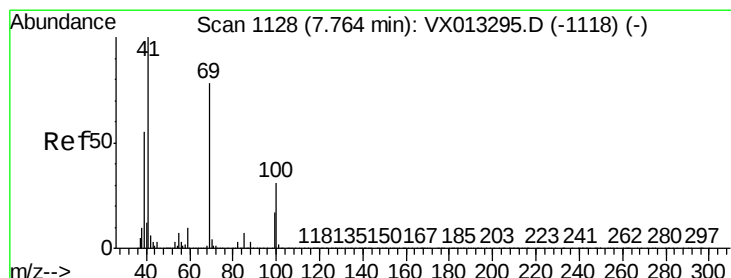
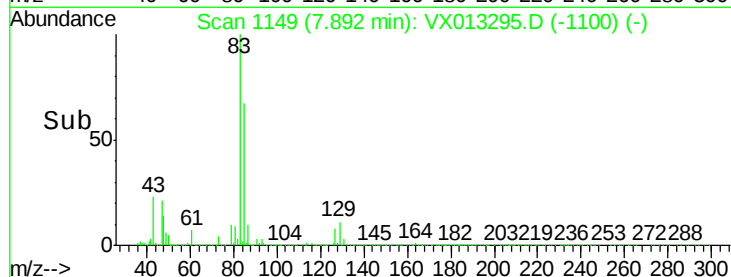
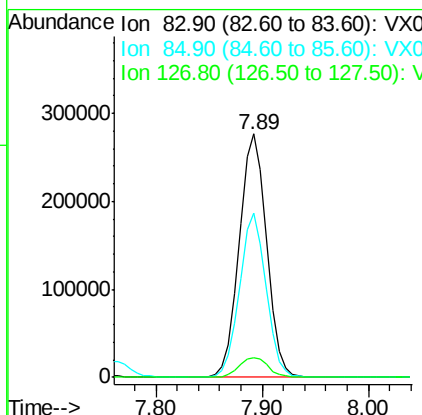
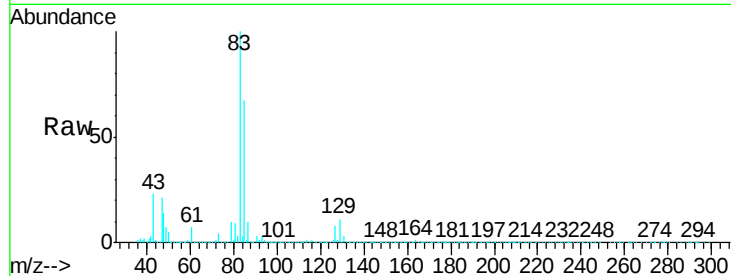
ClientSampleId :

VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	501038		
85	67.1	53.7	80.5	
127	8.0	6.4	9.6	

Manual Integrations
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#48

Methyl methacrylate

Concen: 62.830 ug/l

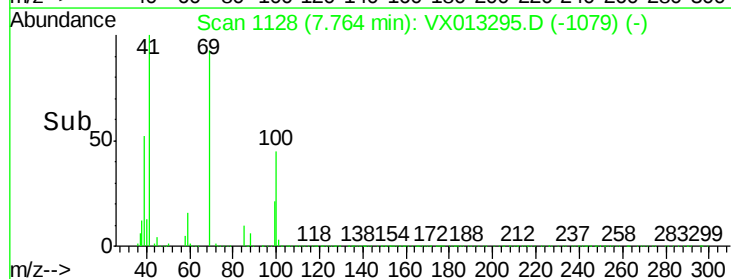
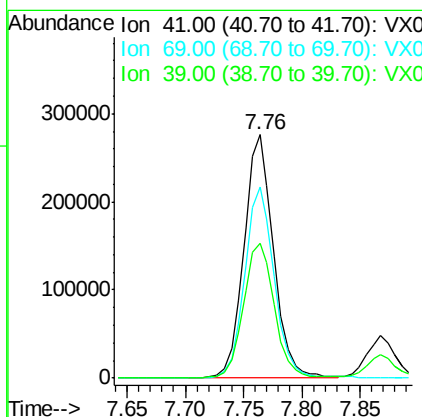
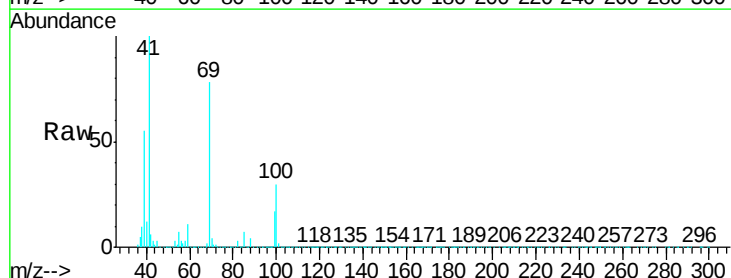
RT: 7.76 min Scan# 1128

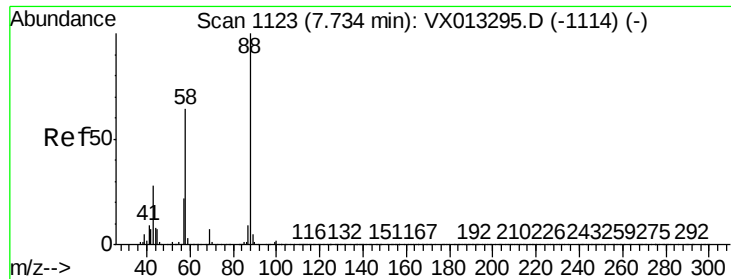
Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	485324		
69	78.8	63.0	94.6	
39	57.4	45.9	68.9	





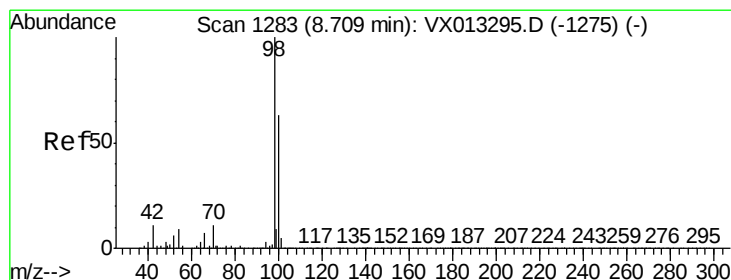
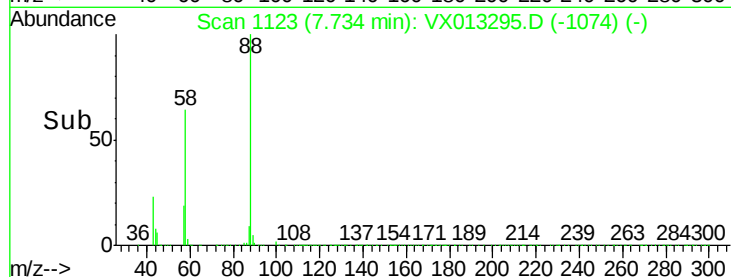
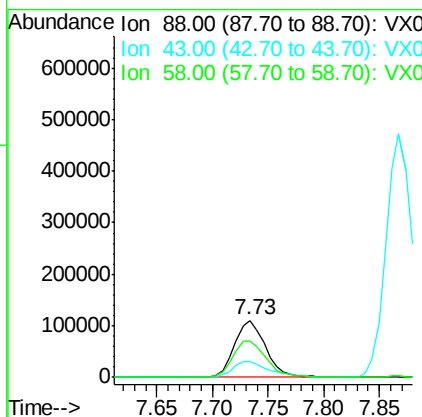
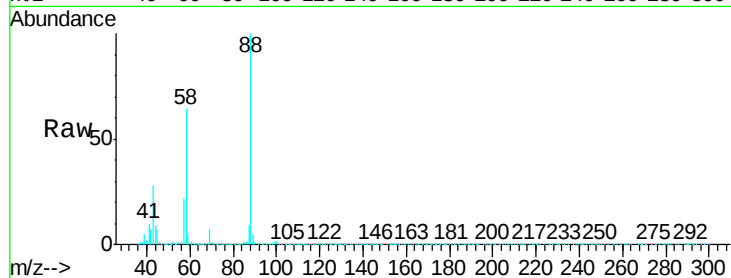
#49
1,4-Dioxane
Concen: 1033.481 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.2	26.6	39.8
58	68.8	55.0	82.6

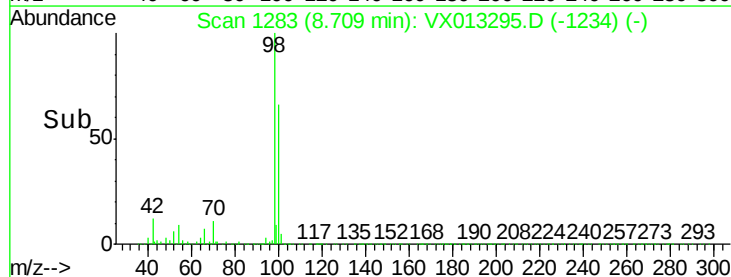
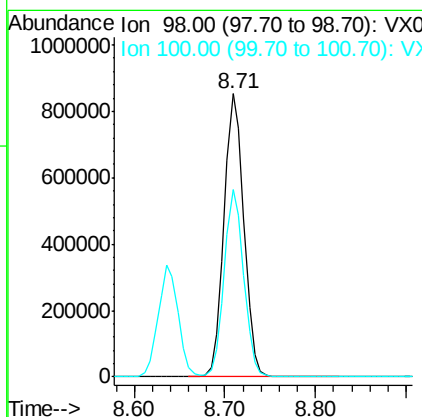
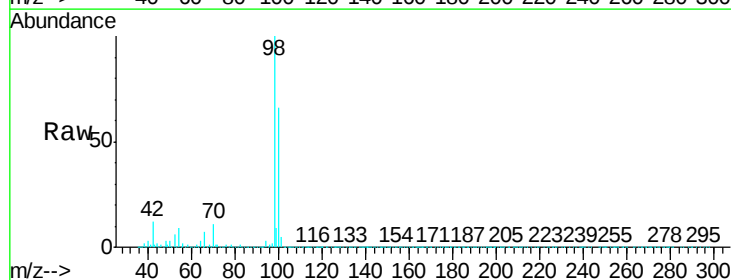
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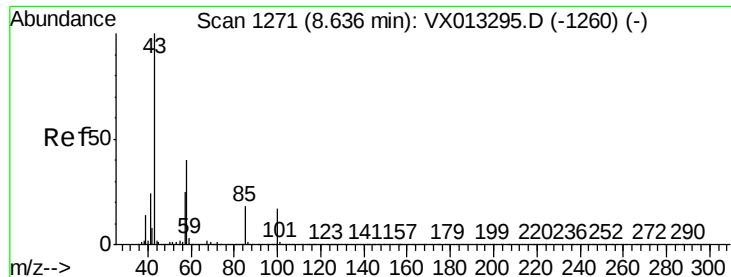
MMDadoda
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#50
Toluene-d8
Concen: 50.336 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





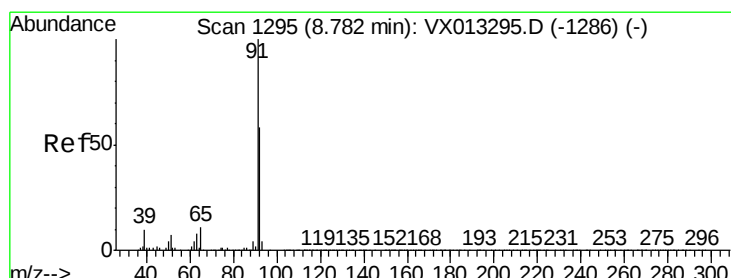
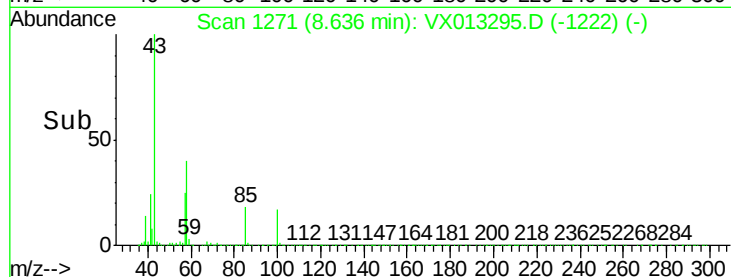
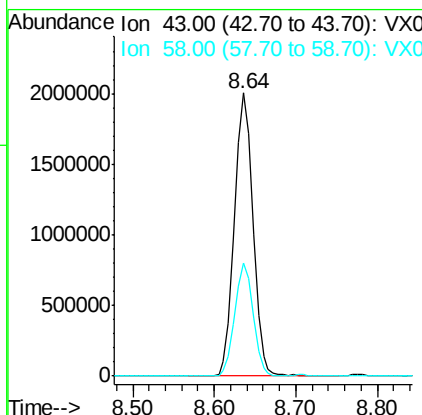
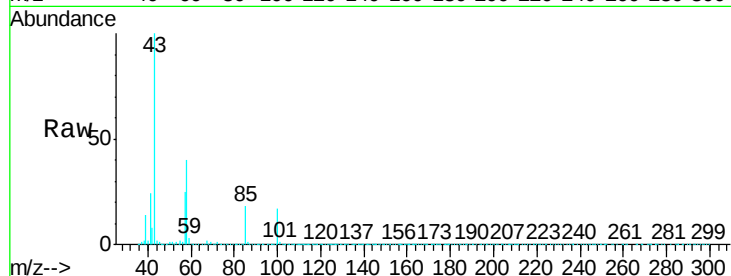
#51
4-Methyl-2-Pentanone
Concen: 307.112 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 3121152
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.0

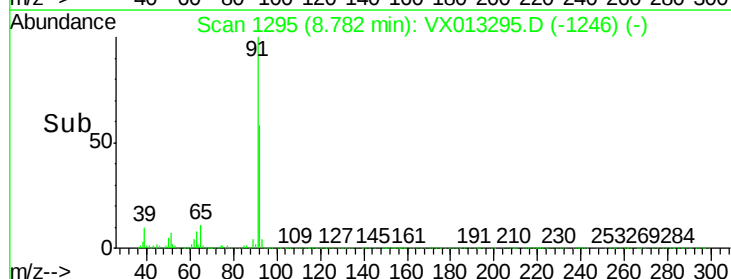
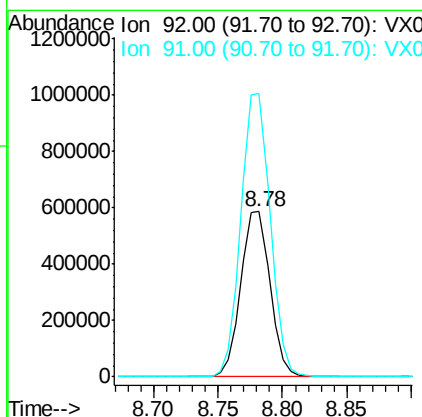
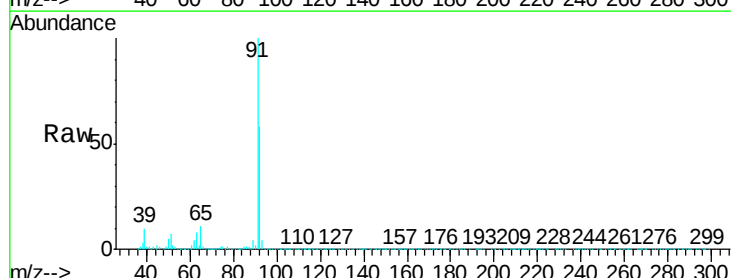
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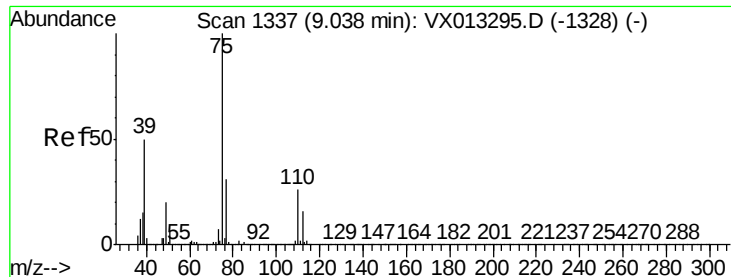
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#52
Toluene
Concen: 51.118 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 92 Resp: 922059
Ion Ratio Lower Upper
92 100
91 172.5 138.0 207.0





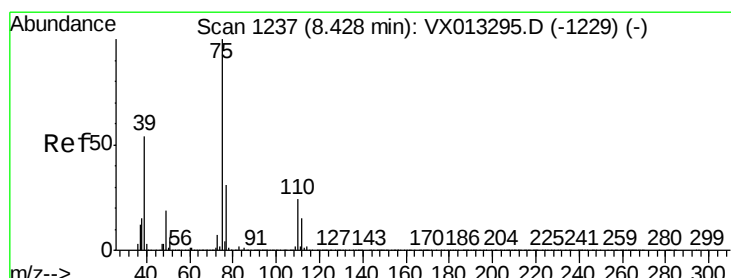
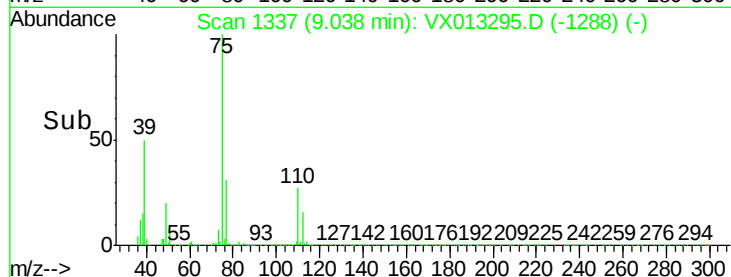
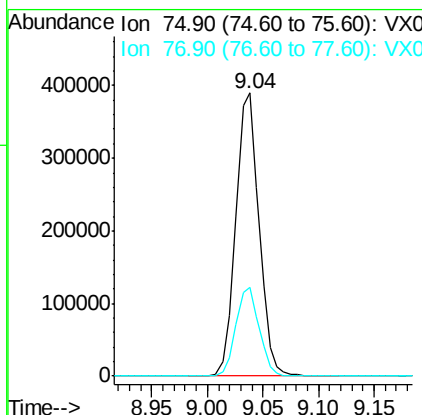
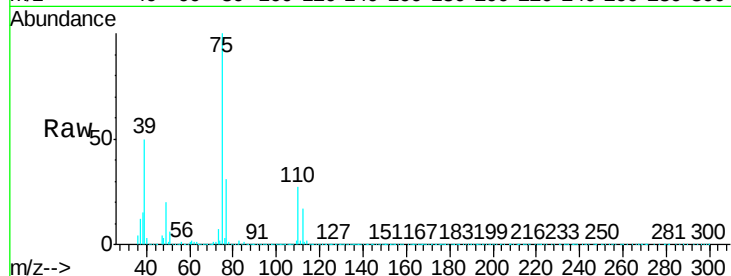
#53
t-1,3-Dichloropropene
Concen: 57.812 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 561874
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4

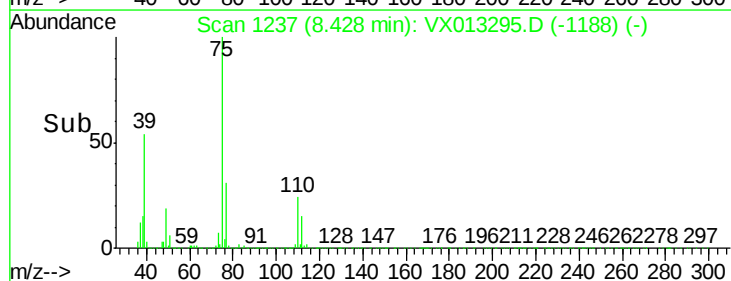
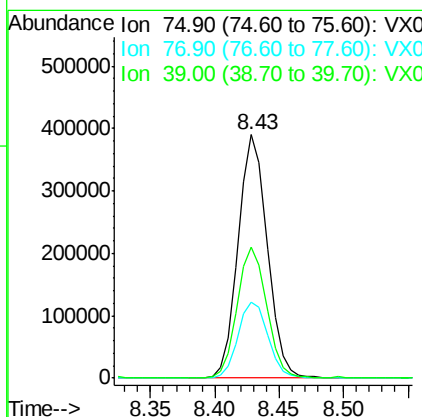
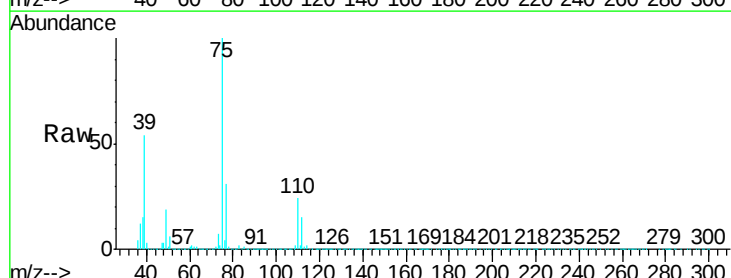
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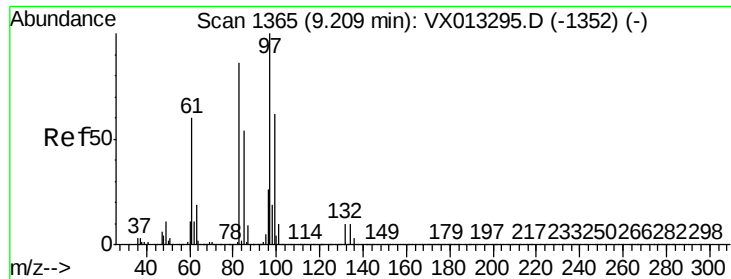
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#54
cis-1,3-Dichloropropene
Concen: 56.807 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 75 Resp: 611828
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1
39 53.8 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 51.450 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

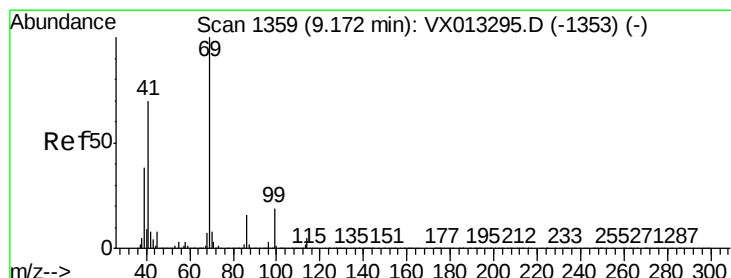
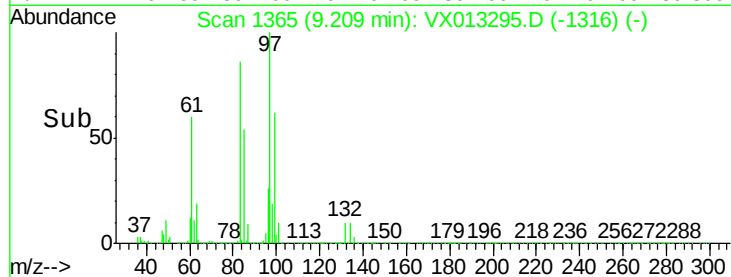
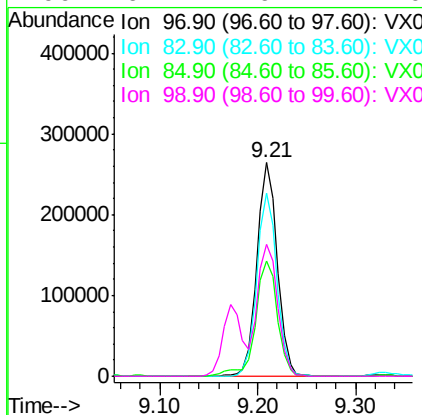
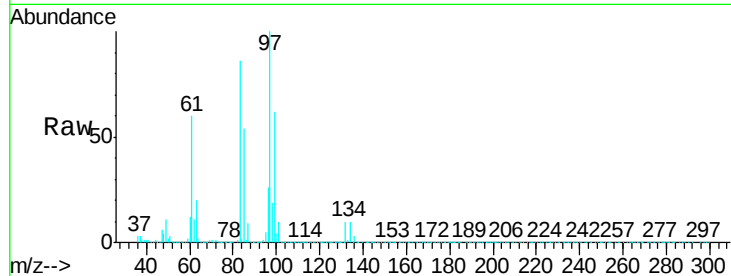
ClientSampleId :

VSTDICCC050

Tgt Ion:	97	Resp:	383083
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.6	103.0
85	53.9	43.1	64.7
99	61.7	49.4	74.0

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#56

Ethyl methacrylate

Concen: 56.335 ug/l

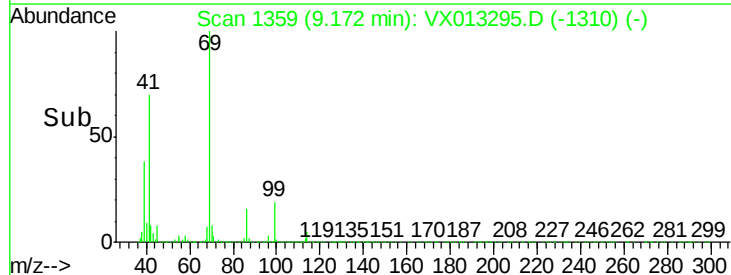
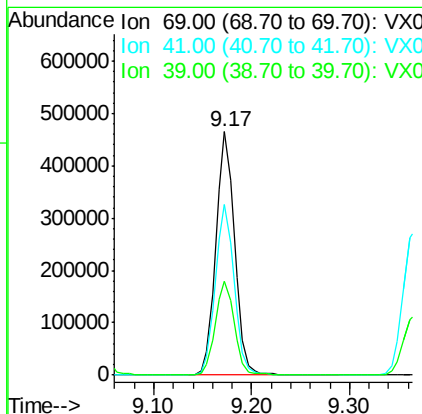
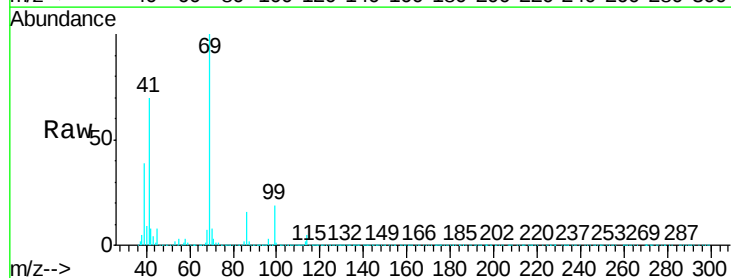
RT: 9.17 min Scan# 1359

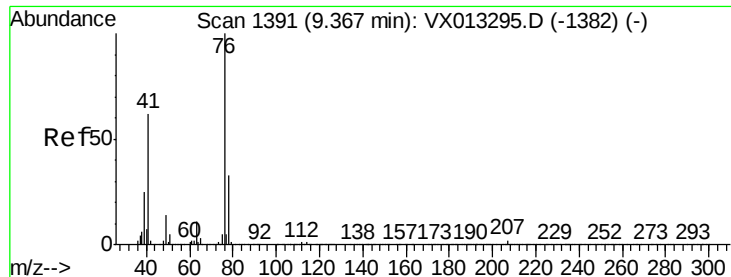
Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Tgt Ion:	69	Resp:	619022
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.2	84.2
39	38.9	31.1	46.7





#57

1,3-Dichloropropane

Concen: 54.264 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 648307

Ion Ratio Lower Upper

76 100

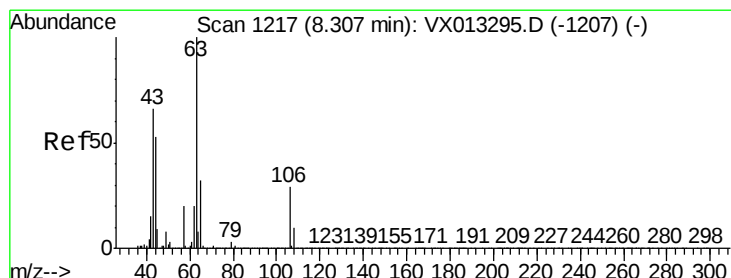
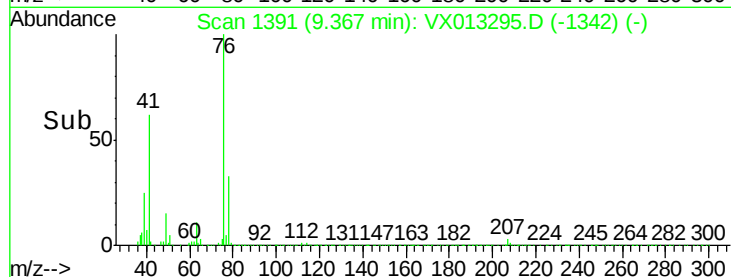
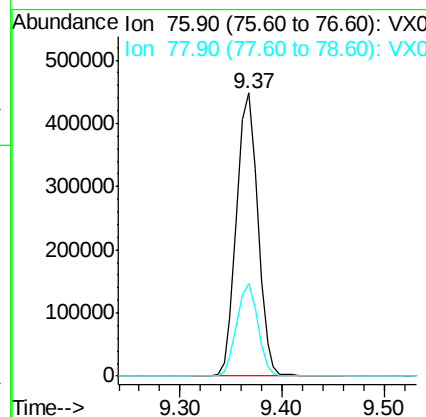
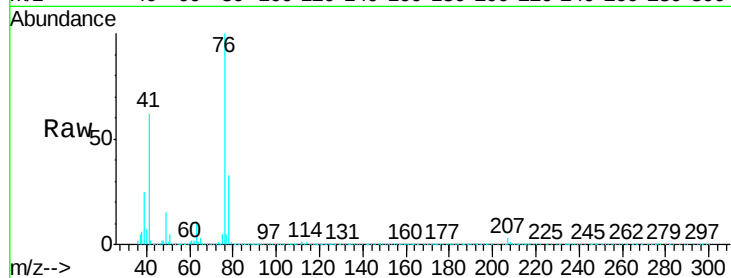
78 32.2 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 266.762 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013295.D

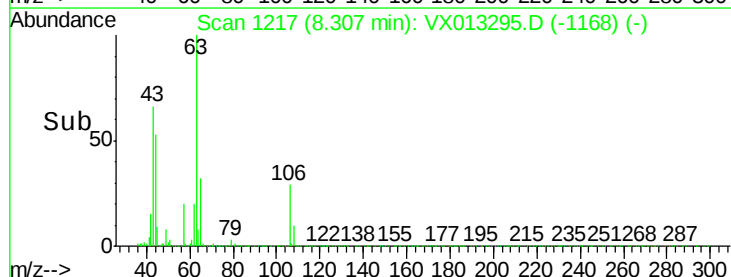
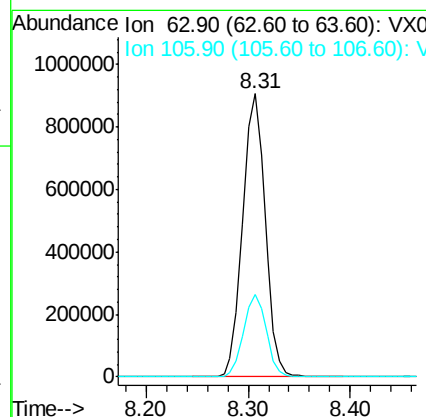
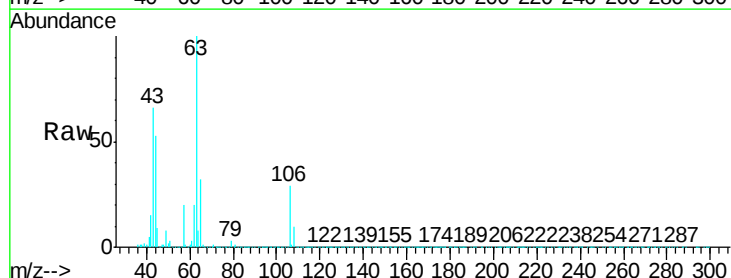
Acq: 31 Oct 2019 17:29

Tgt Ion: 63 Resp: 1385610

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2





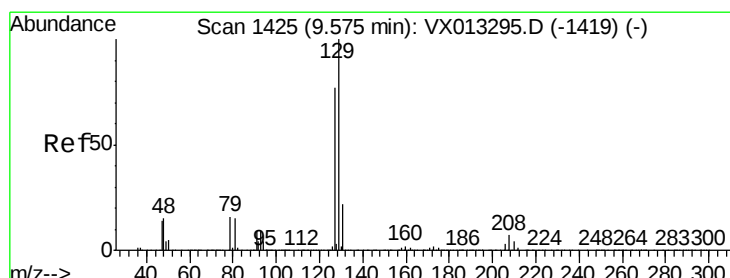
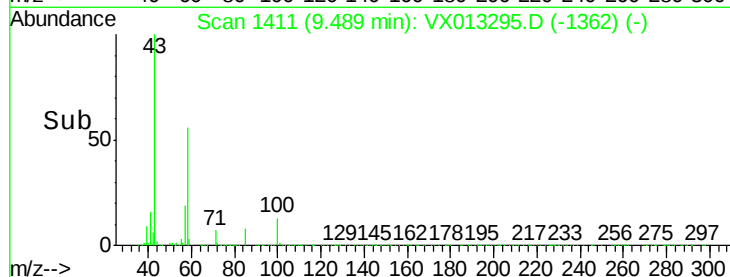
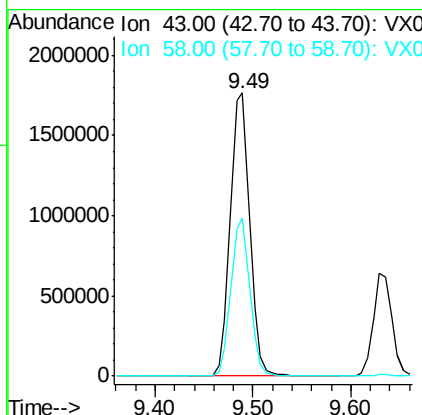
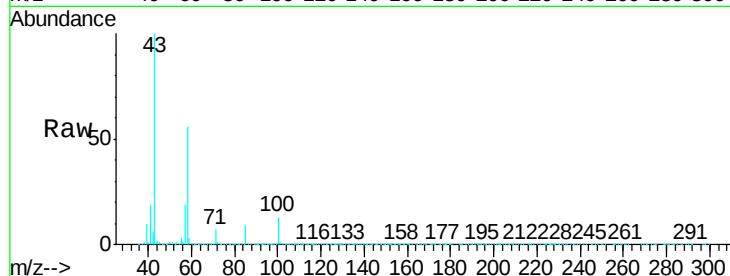
#59
2-Hexanone
Concen: 311.322 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 2448729
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8

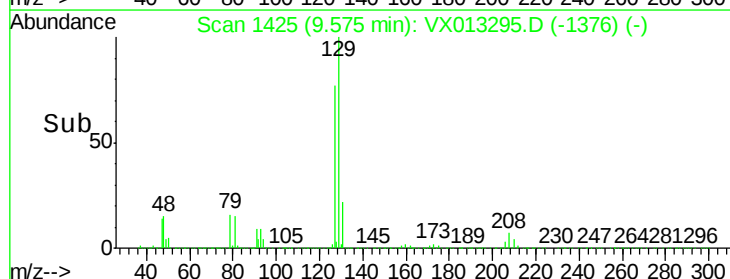
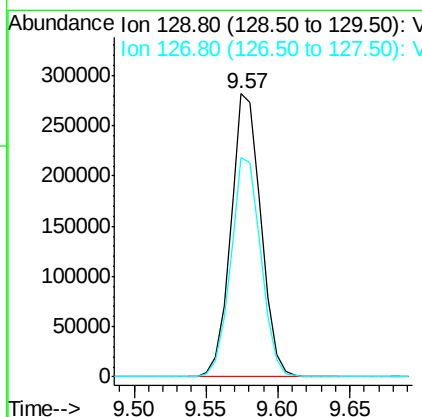
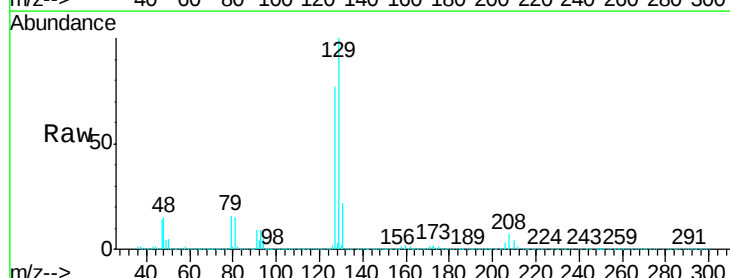
Manual Integrations
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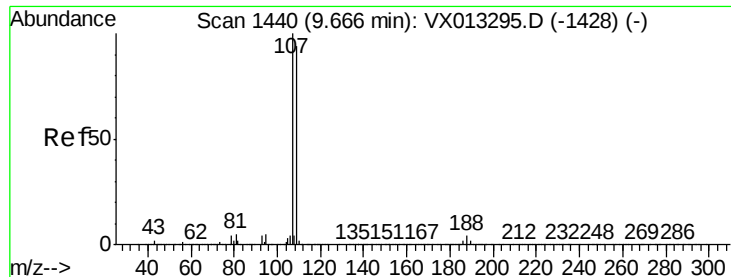
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#60
Dibromochloromethane
Concen: 54.422 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 129 Resp: 408784
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





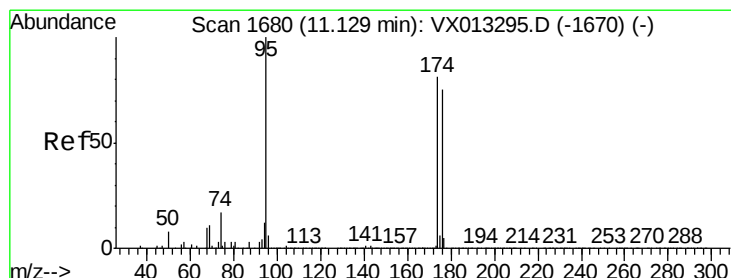
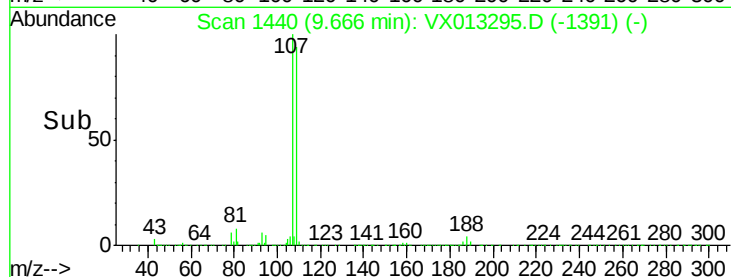
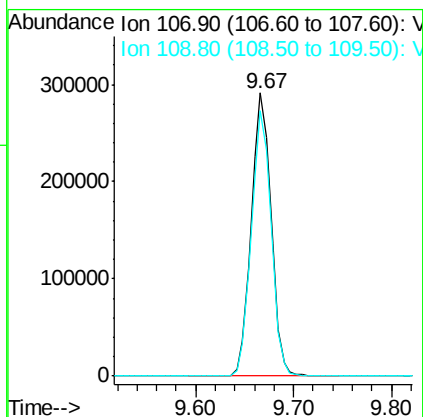
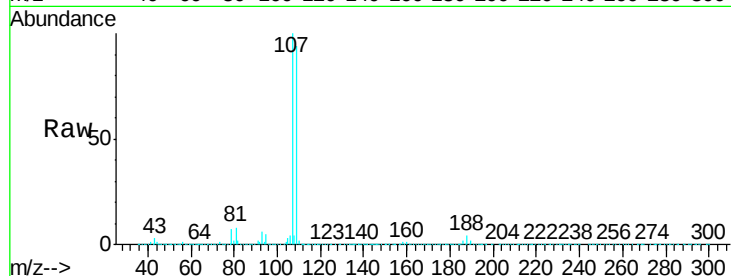
#61
1,2-Dibromoethane
Concen: 52.127 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.1	112.7

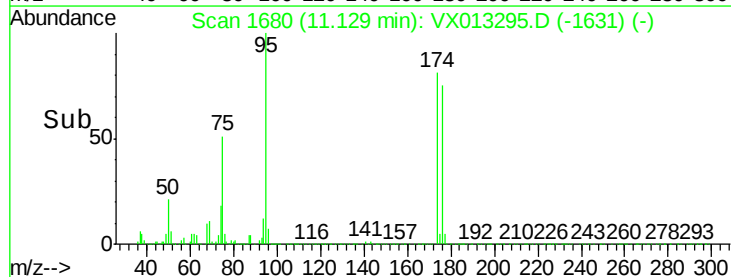
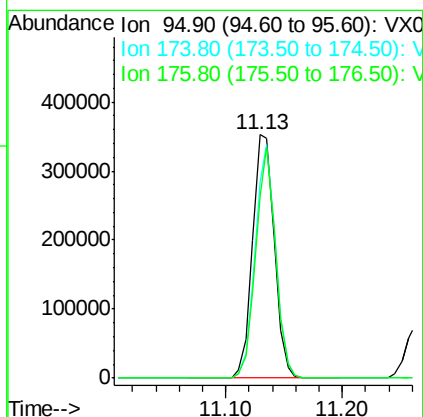
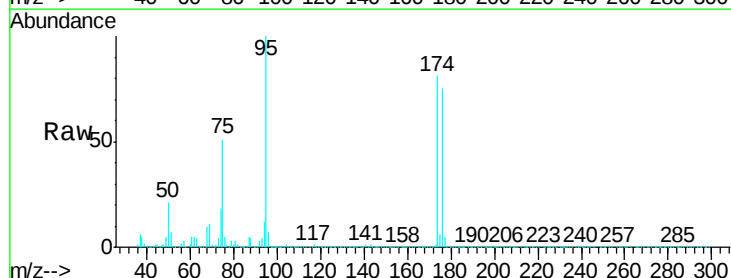
Manual Integrations
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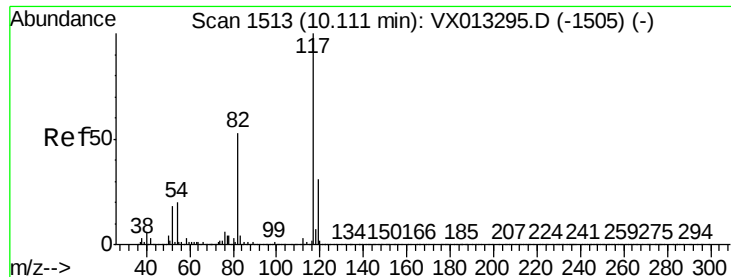
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 49.160 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	179.8
176	86.5	0.0	173.0





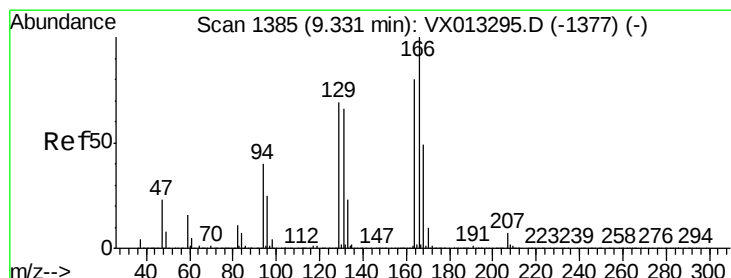
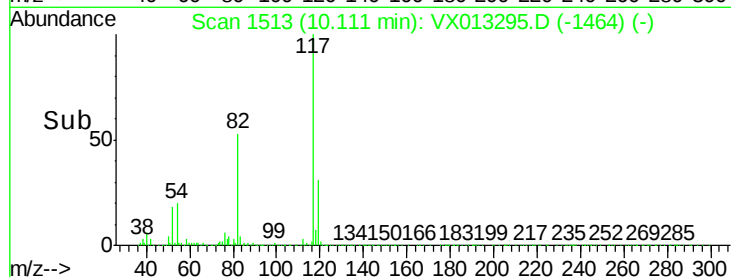
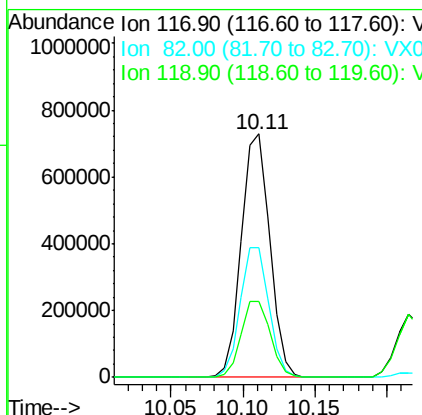
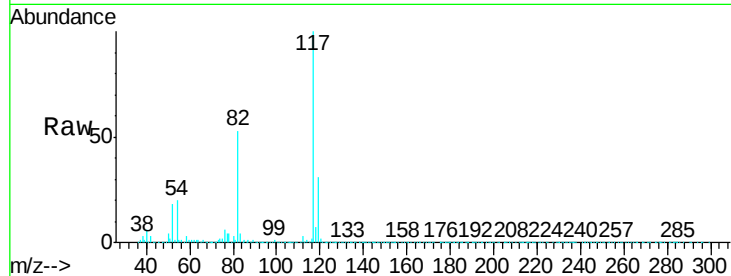
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 1000740
Ion Ratio Lower Upper
117 100
82 53.3 42.6 64.0
119 31.0 24.8 37.2

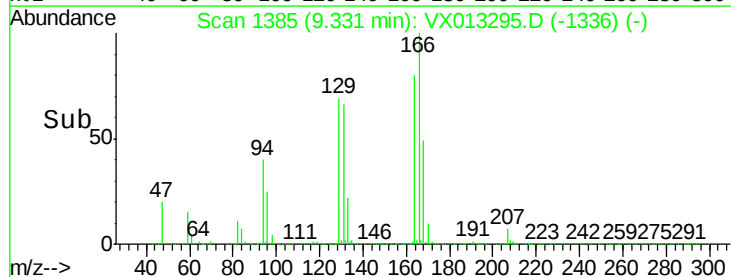
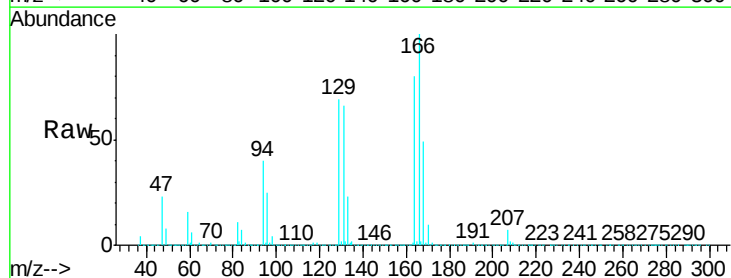
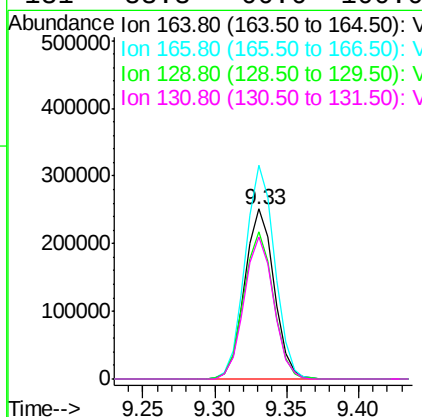
Manual Integrations
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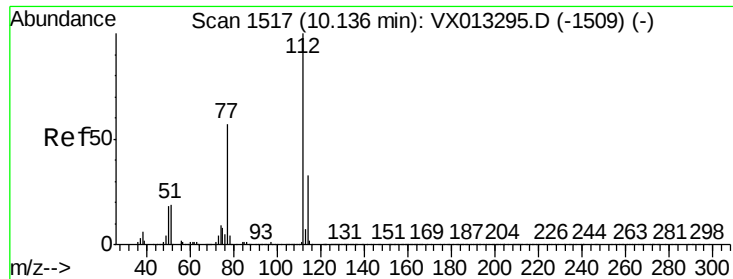
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#64
Tetrachloroethene
Concen: 45.352 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion:164 Resp: 353449
Ion Ratio Lower Upper
164 100
166 125.5 100.4 150.6
129 86.8 69.4 104.2
131 83.3 66.6 100.0





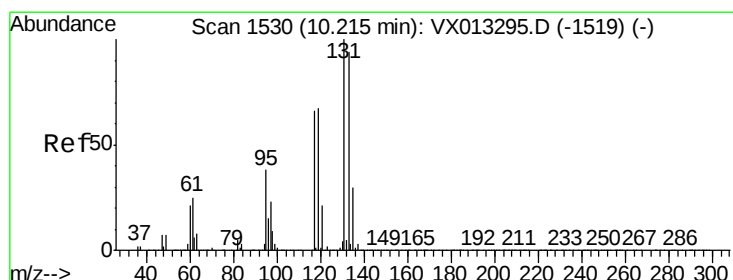
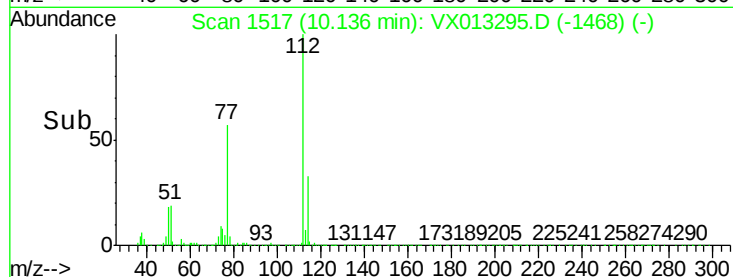
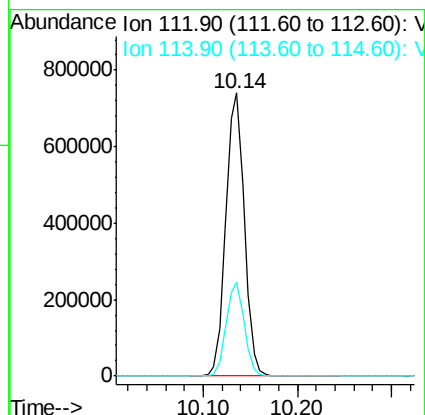
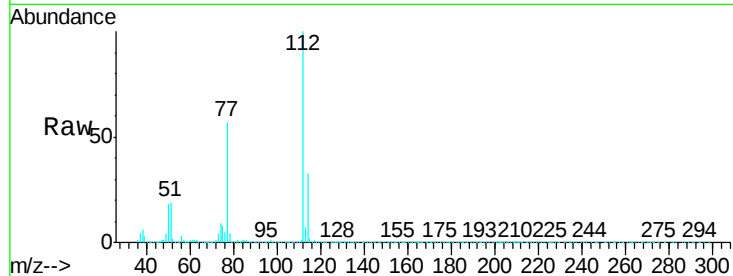
#65
Chlorobenzene
Concen: 48.643 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 1002912
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6

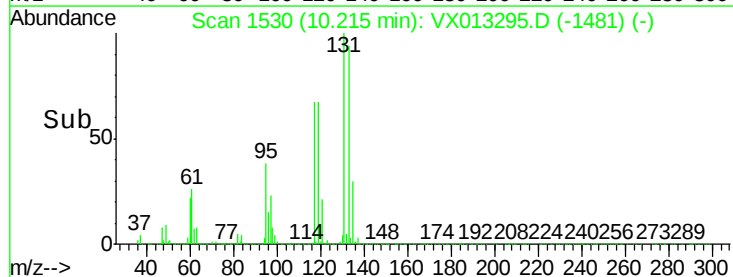
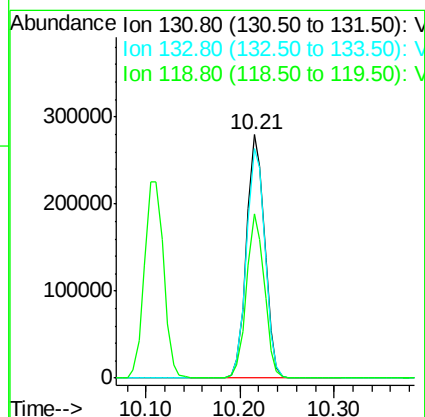
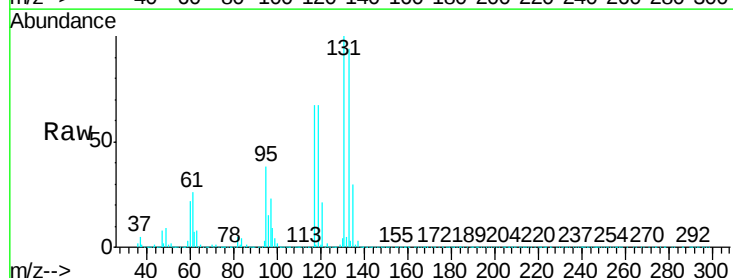
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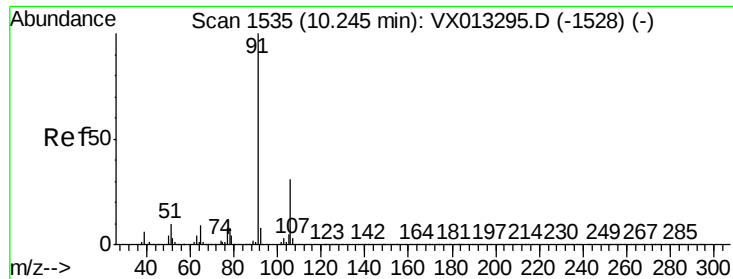
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.214 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion:131 Resp: 378719
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 66.0 33.0 99.0





#67

Ethyl Benzene

Concen: 50.840 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1786863

Ion Ratio Lower Upper

91 100

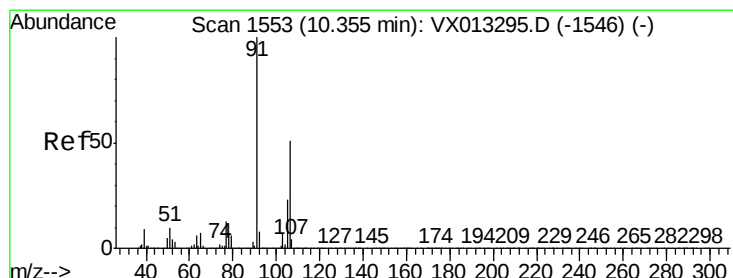
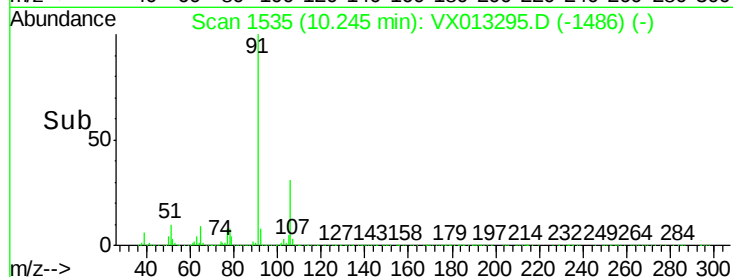
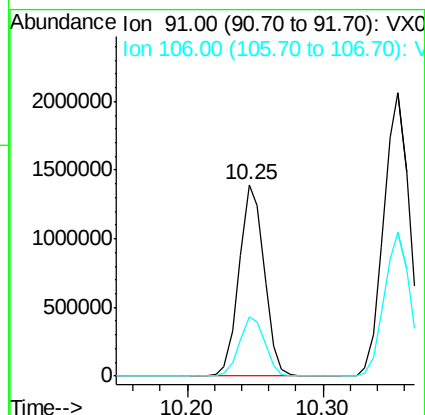
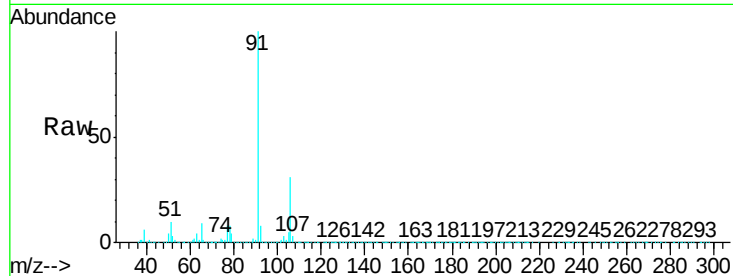
106 30.7 24.6 36.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.680 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013295.D

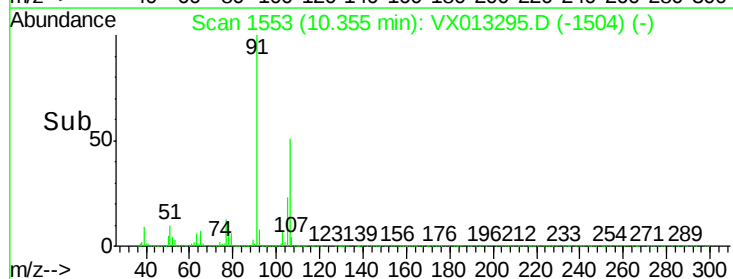
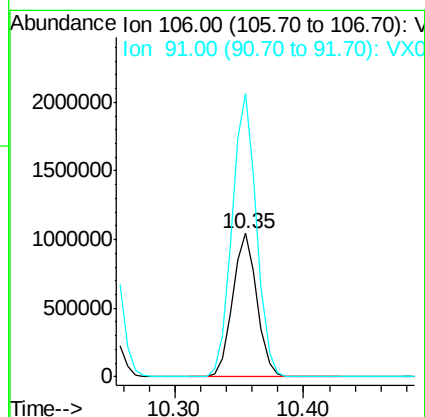
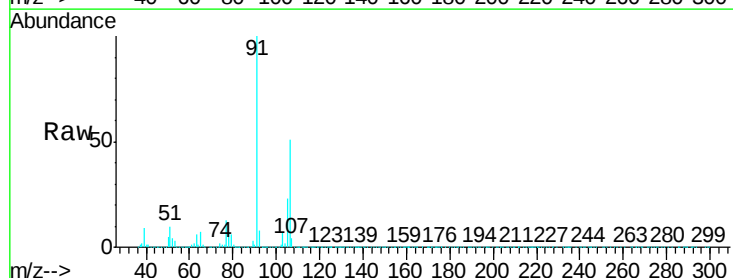
Acq: 31 Oct 2019 17:29

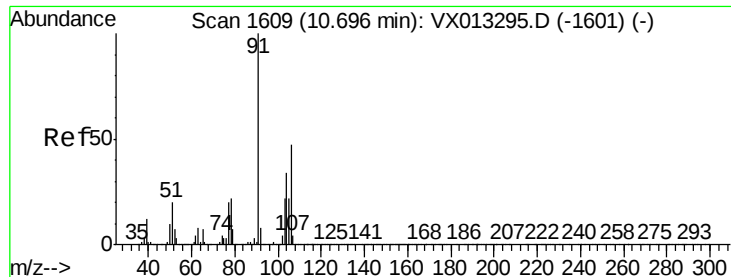
Tgt Ion: 106 Resp: 1370719

Ion Ratio Lower Upper

106 100

91 199.1 159.3 238.9





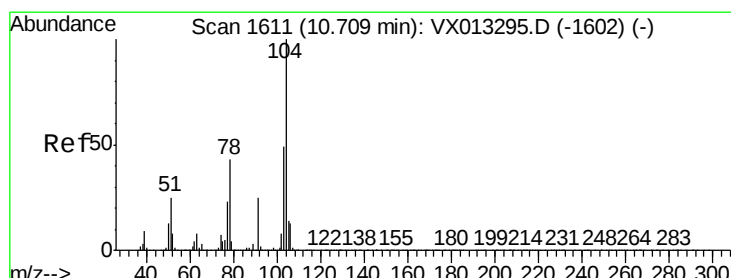
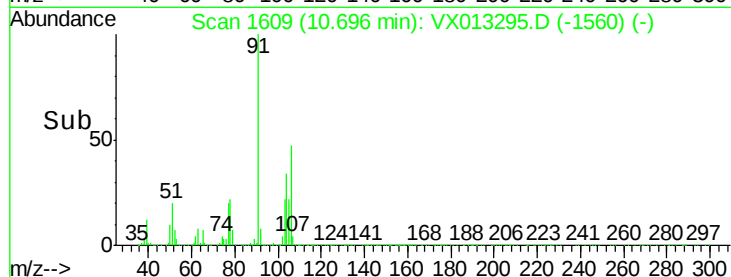
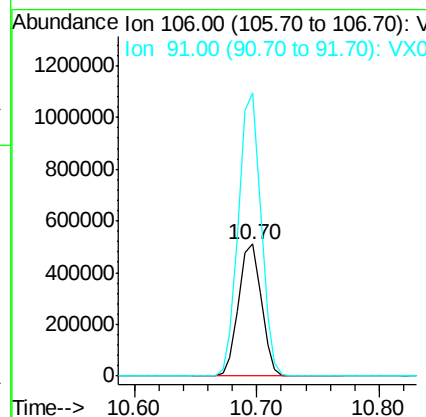
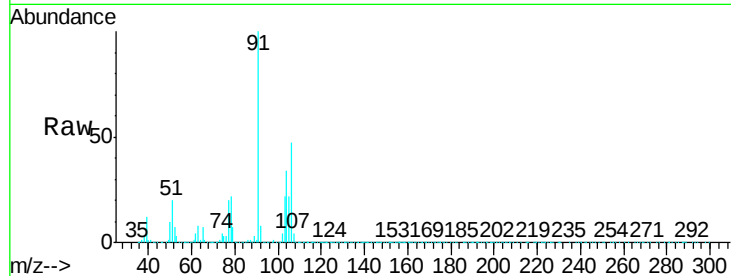
#69
o-Xylene
Concen: 50.154 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 657641
Ion Ratio Lower Upper
106 100
91 211.3 105.7 317.0

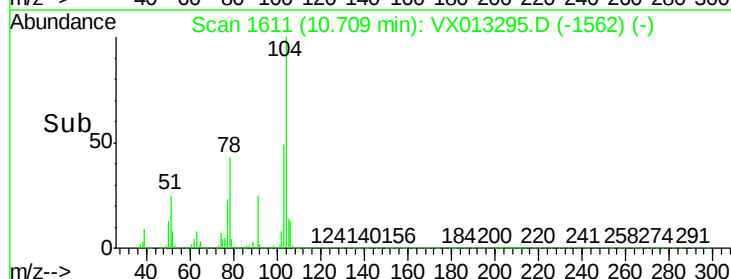
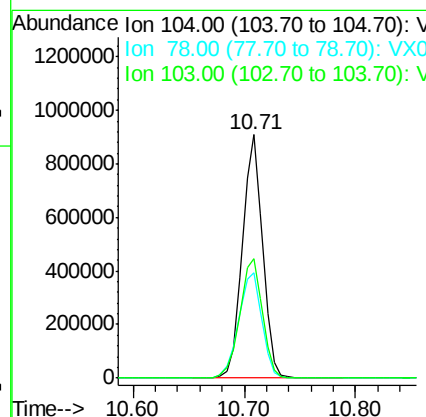
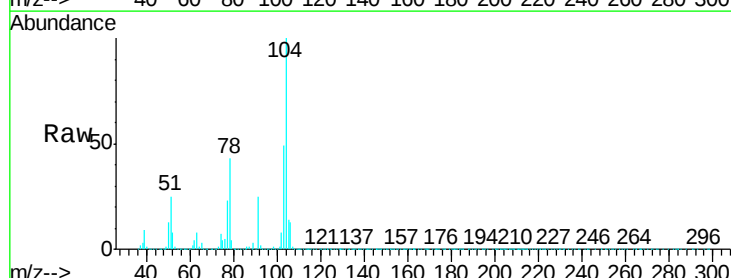
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#70
Styrene
Concen: 52.030 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion:104 Resp: 1138891
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.1 44.1 66.1





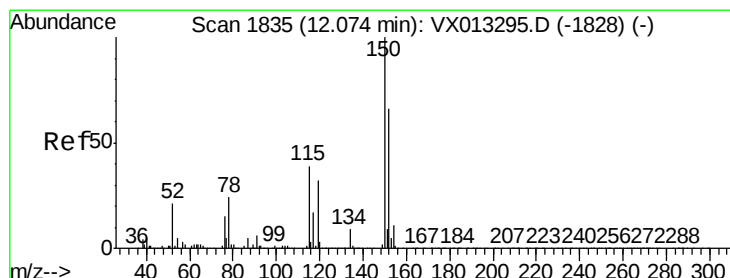
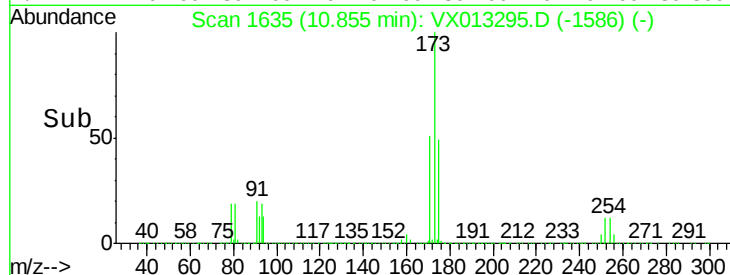
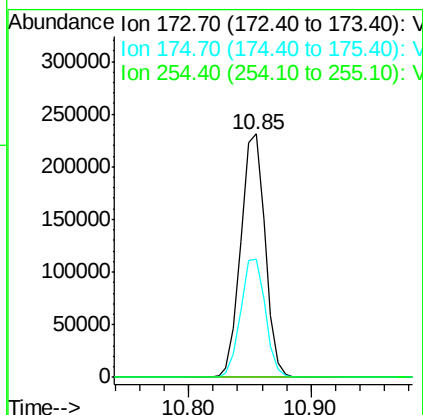
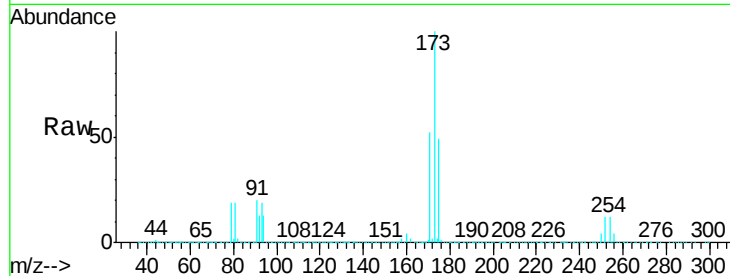
#71
Bromoform
Concen: 54.734 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	318144		
175	49.6	24.8	74.4	
254	0.2	0.2	0.2	

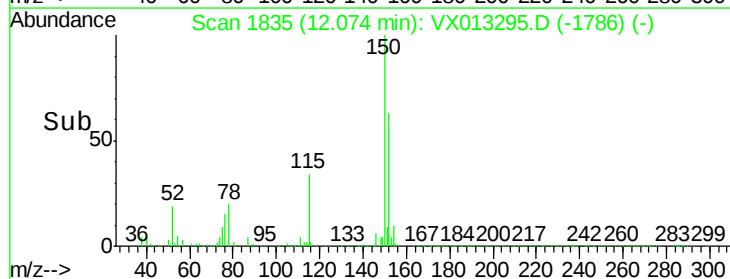
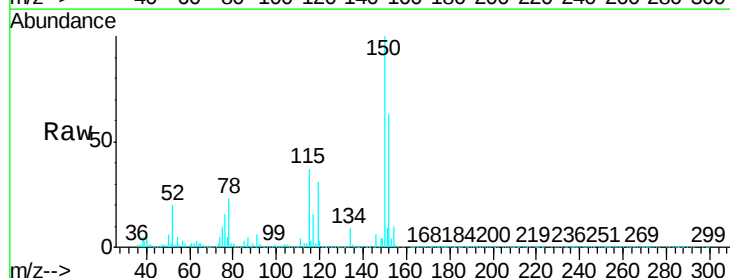
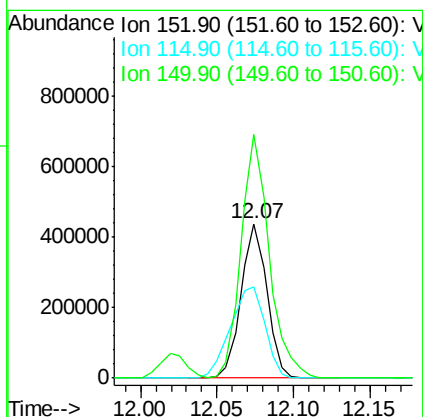
Manual Integrations
APPROVED

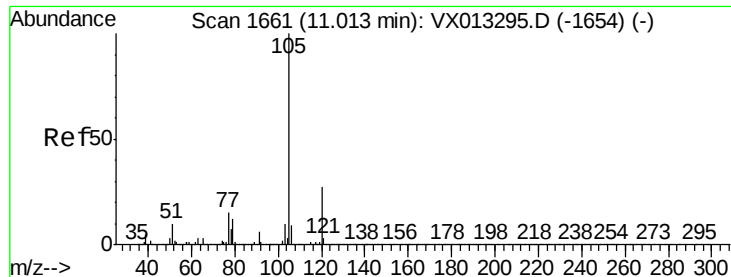
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	512345		
115	78.9	39.5	118.3	
150	172.2	0.0	344.4	





#73

Isopropylbenzene

Concen: 50.155 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 1748940

Ion Ratio Lower Upper

105 100

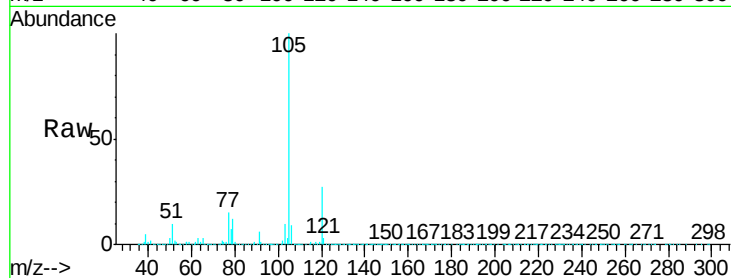
120 27.0

13.5 40.5

Manual Integrations
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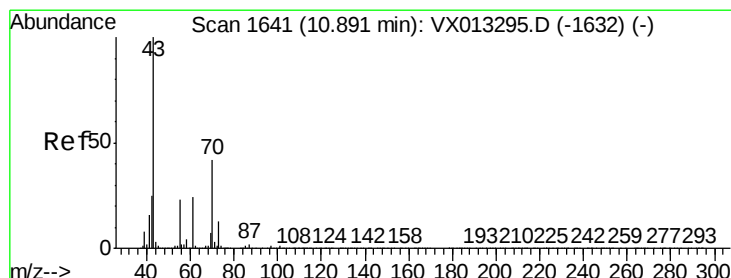
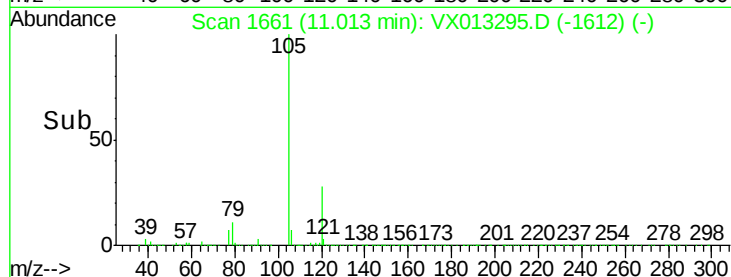
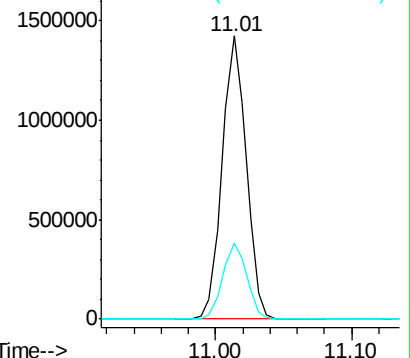
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 62.045 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Tgt Ion: 43 Resp: 859062

Ion Ratio Lower Upper

43 100

70 42.6

34.1 51.1

55 23.6

18.9 28.3

61 24.0

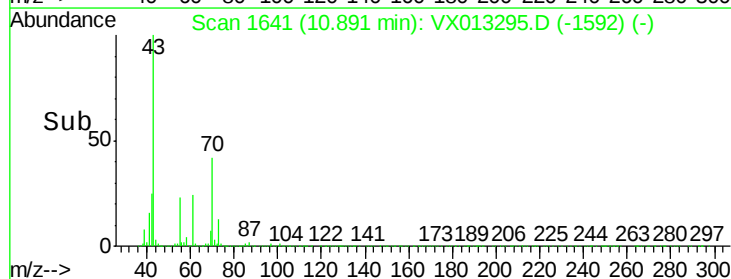
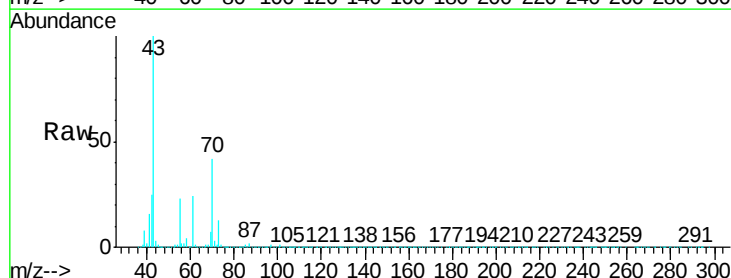
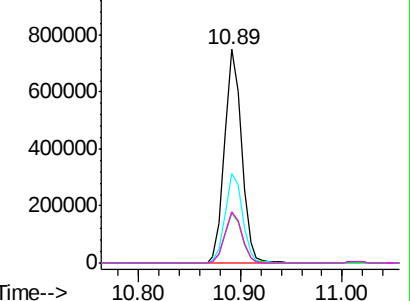
19.2 28.8

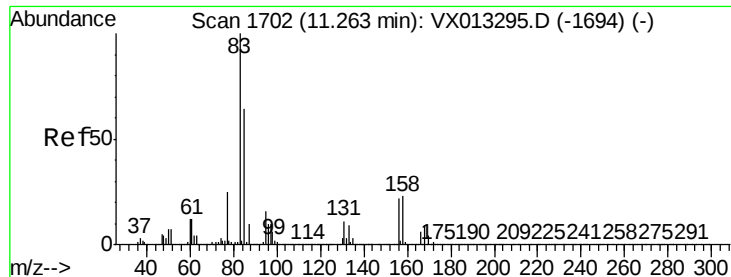
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.308 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 628355
Ion Ratio Lower Upper

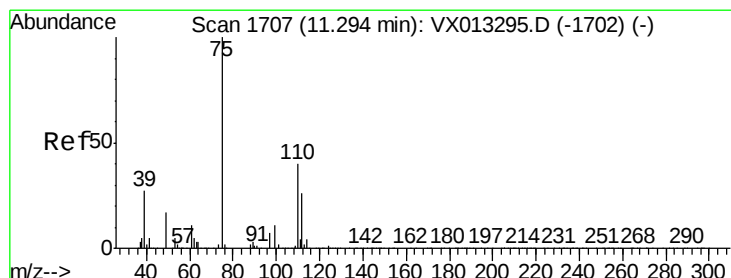
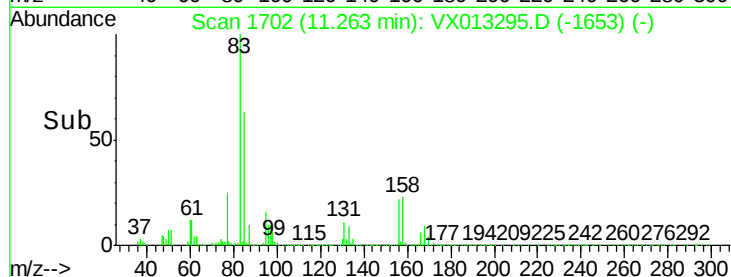
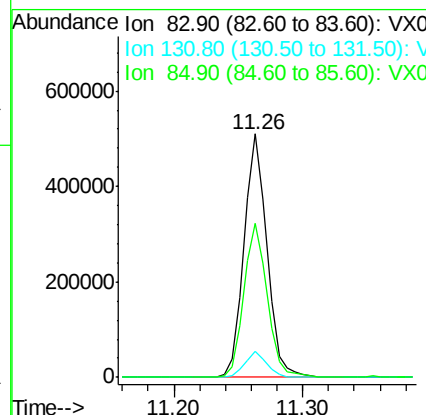
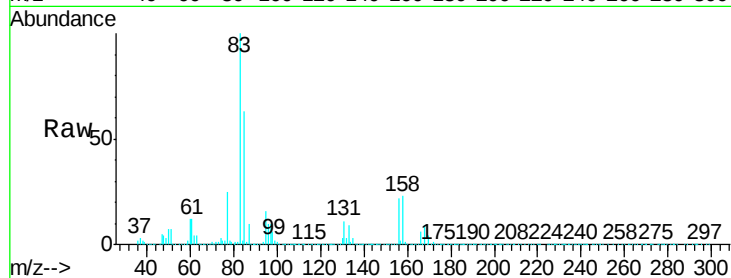
83 100

131 10.2 5.1 15.3

85 64.5 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.395 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

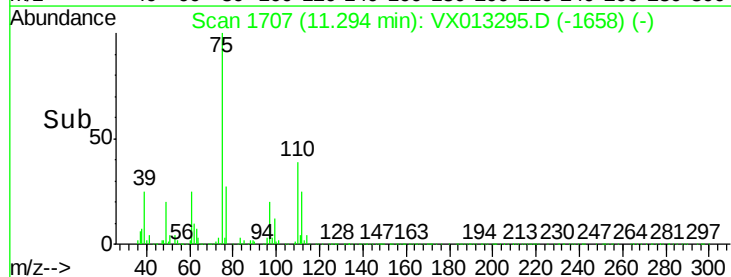
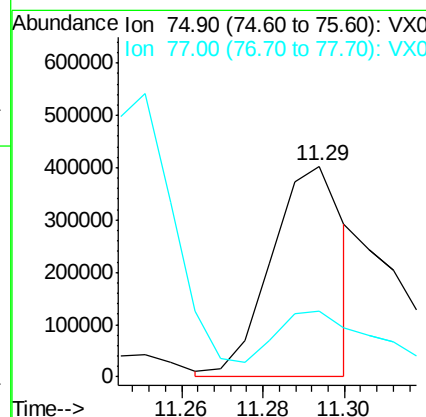
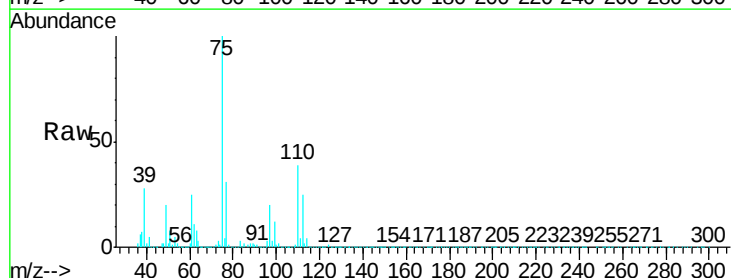
Lab File: VX013295.D

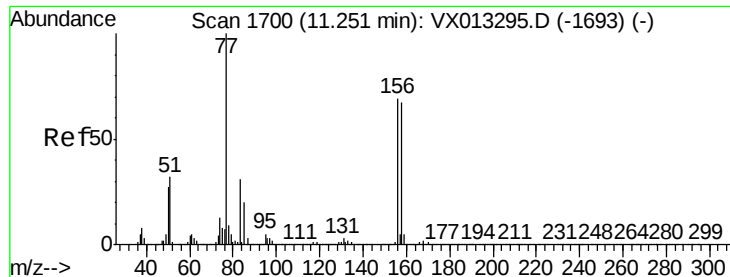
Acq: 31 Oct 2019 17:29

Tgt Ion: 75 Resp: 501163
Ion Ratio Lower Upper

75 100

77 44.5 22.3 66.8





#77

Bromobenzene

Concen: 48.226 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

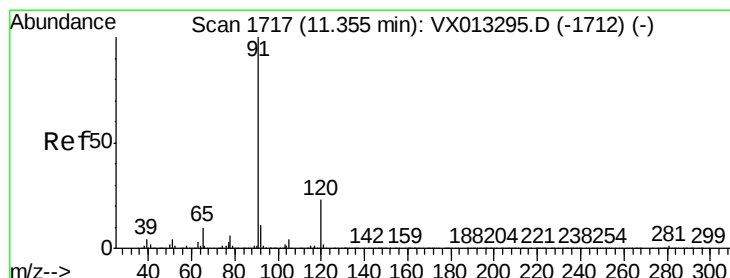
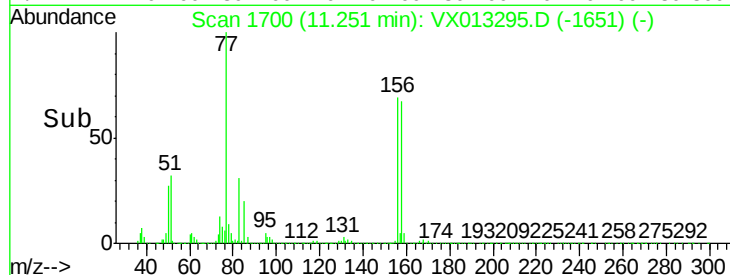
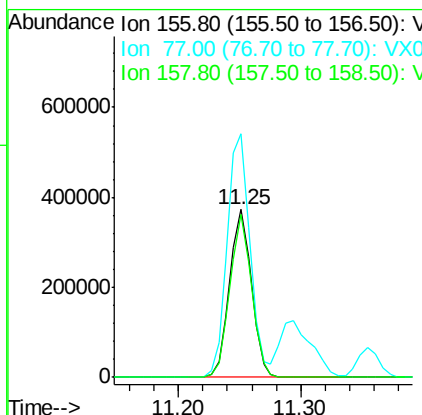
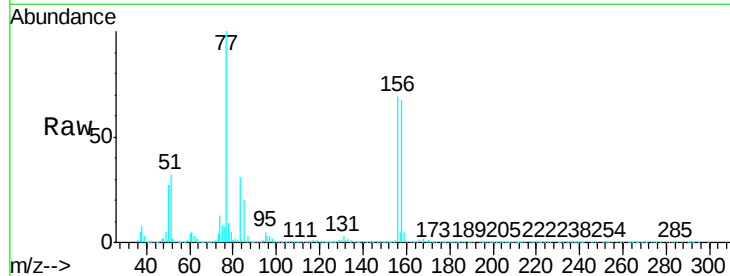
ClientSampleId :

VSTDICCC050

Tgt Ion:	156	Resp:	460884
Ion Ratio	Lower	Upper	
156	100		
77	151.6	75.8	227.4
158	95.2	47.6	142.8

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#78

n-propylbenzene

Concen: 51.854 ug/l

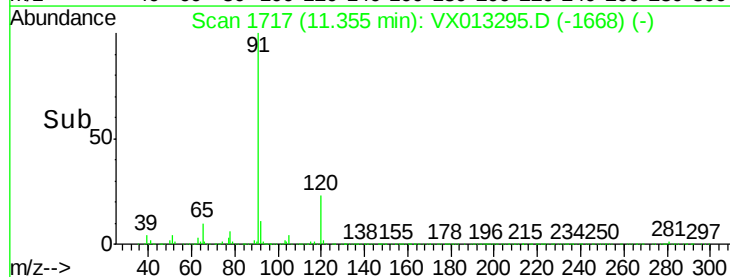
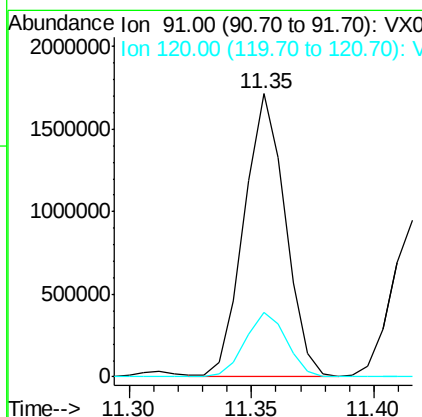
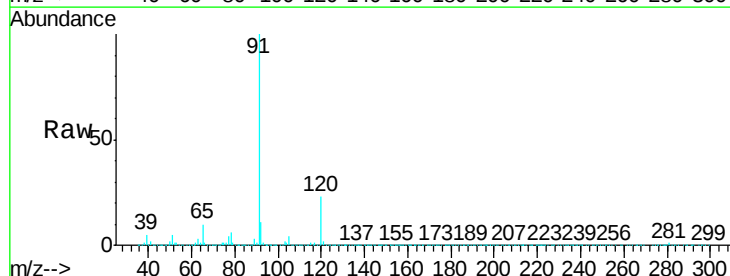
RT: 11.35 min Scan# 1717

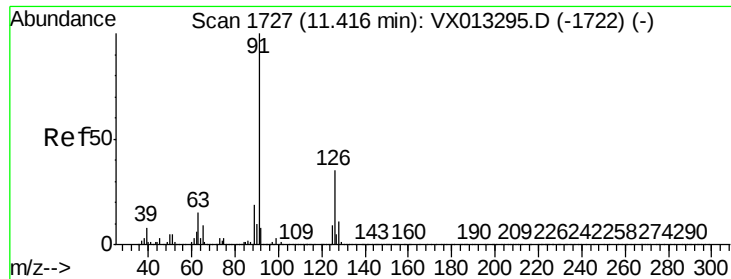
Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Tgt Ion:	91	Resp:	2002043
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.8





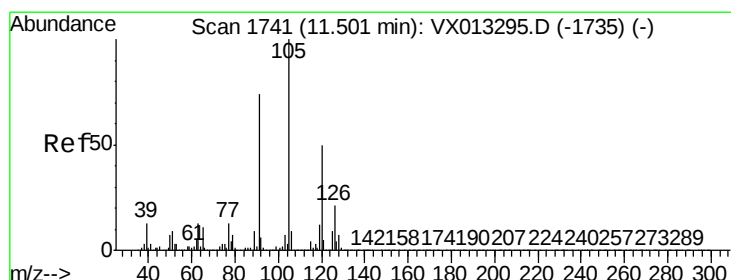
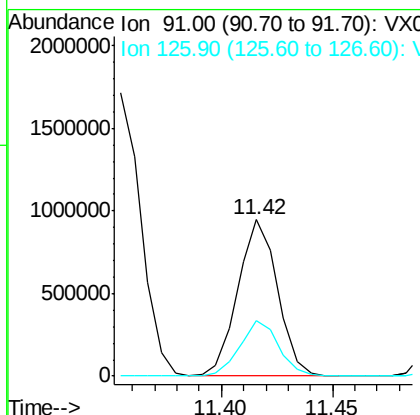
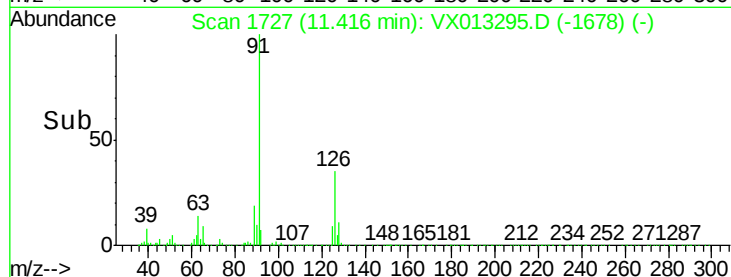
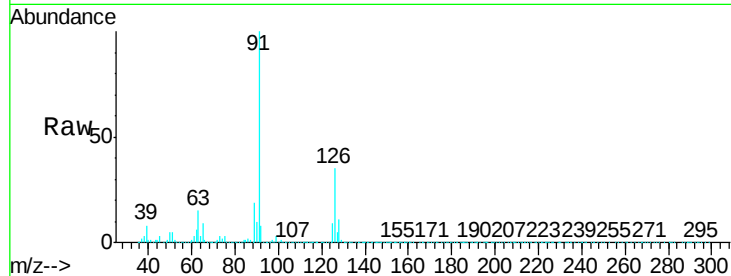
#79
 2-Chlorotoluene
 Concen: 50.627 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 91 Resp: 1172533
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0

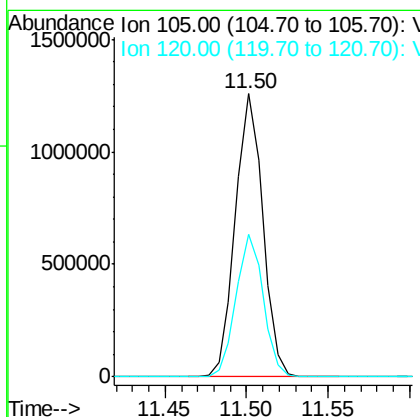
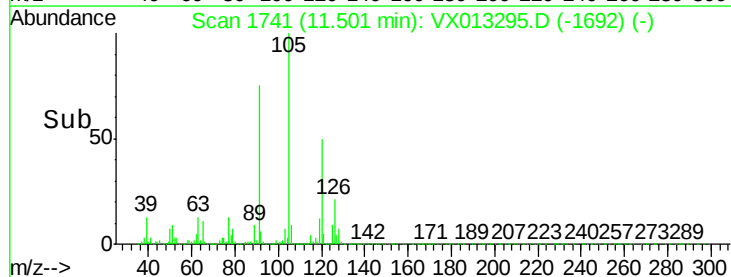
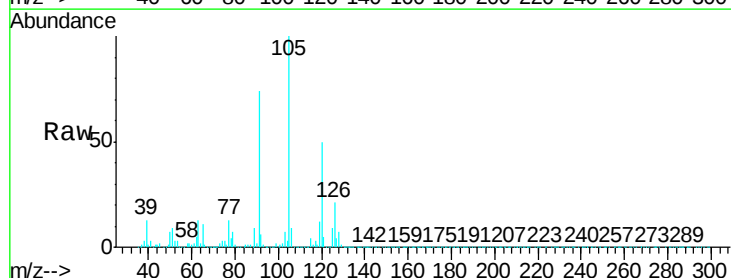
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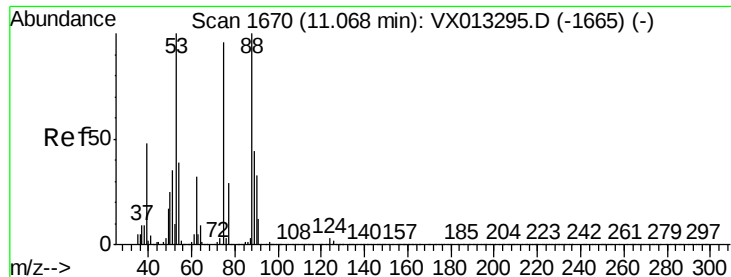
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.834 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Tgt Ion: 105 Resp: 1476757
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.8





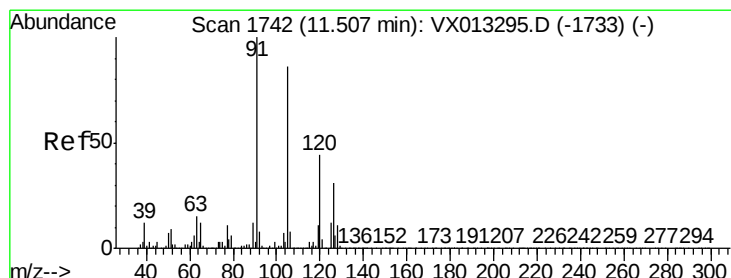
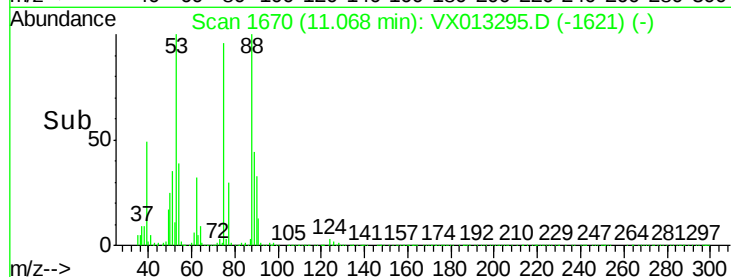
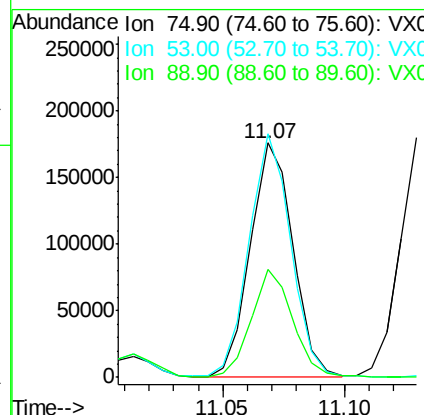
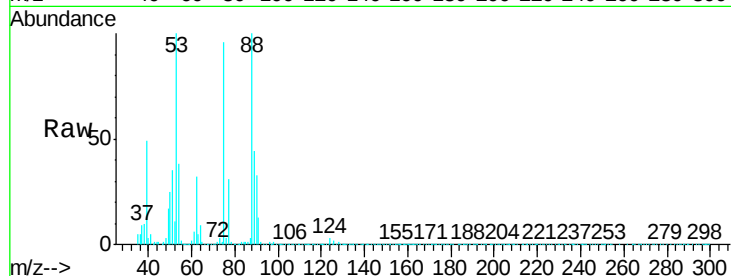
#81
trans-1,4-Dichloro-2-butene
Concen: 60.374 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.3	81.0	121.6
89	45.0	36.0	54.0

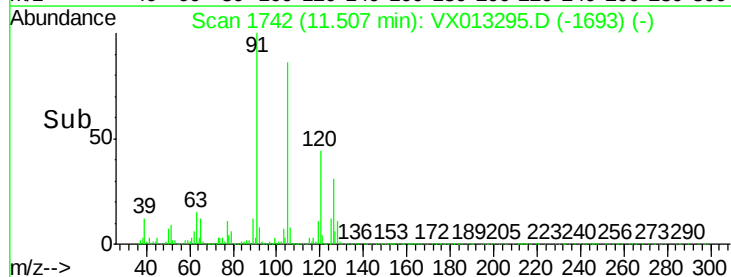
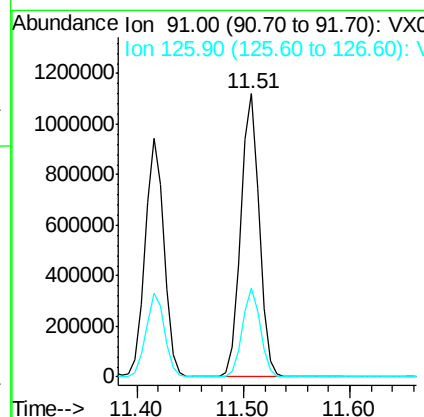
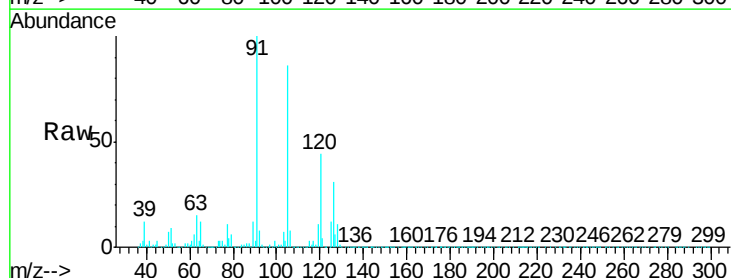
Manual Integrations
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#82
4-Chlorotoluene
Concen: 50.733 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.3	45.8





#83

tert-Butylbenzene

Concen: 52.438 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

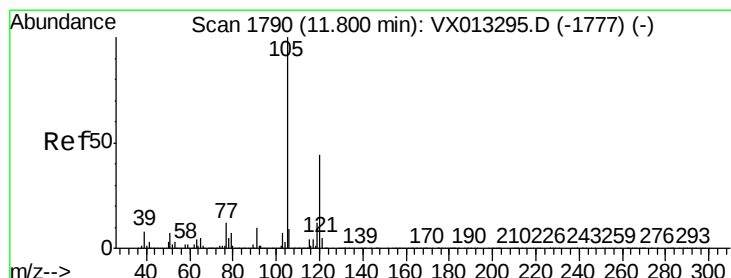
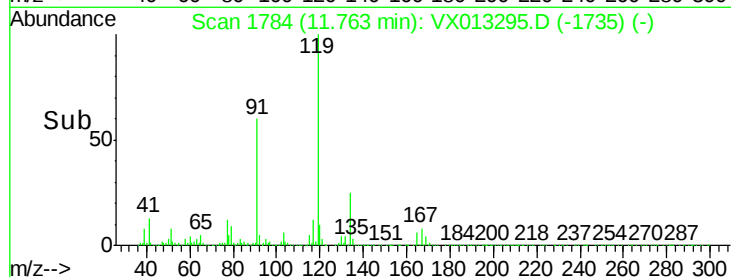
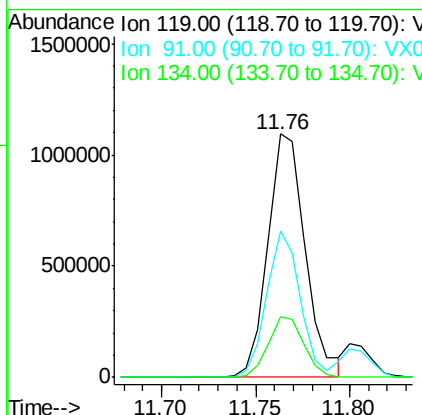
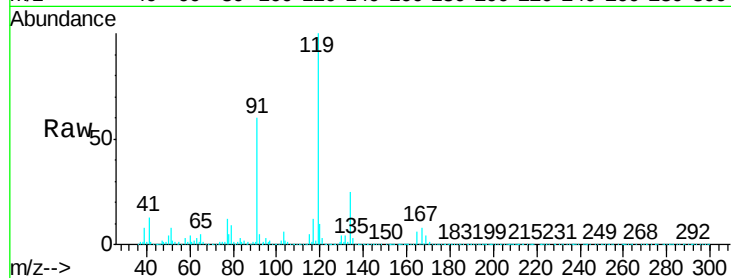
ClientSampled :

VSTDICCC050

Tgt Ion:	119	Resp:	1507774
Ion	Ratio	Lower	Upper
119	100		
91	53.8	26.9	80.7
134	23.4	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 51.078 ug/l

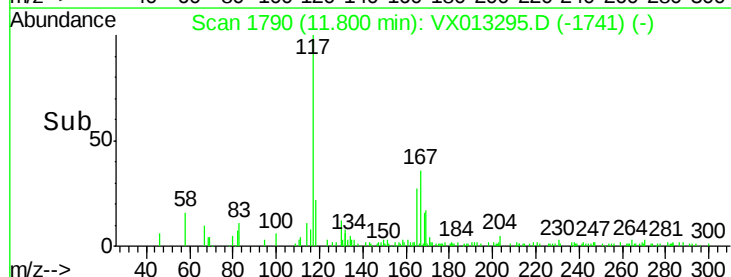
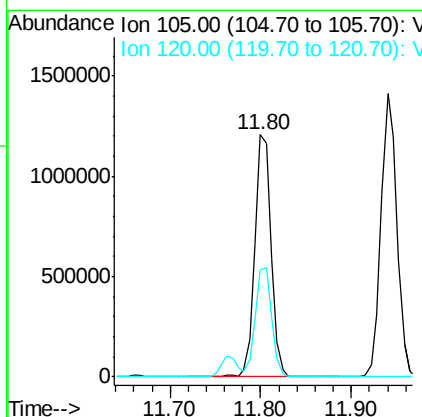
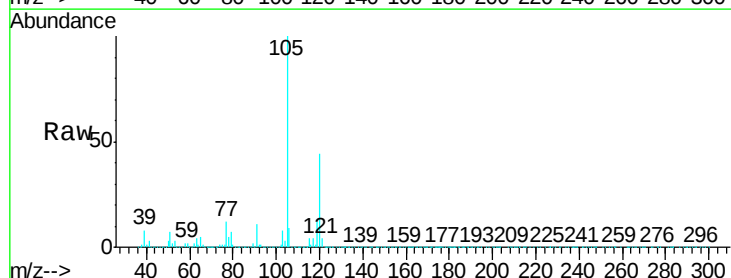
RT: 11.80 min Scan# 1790

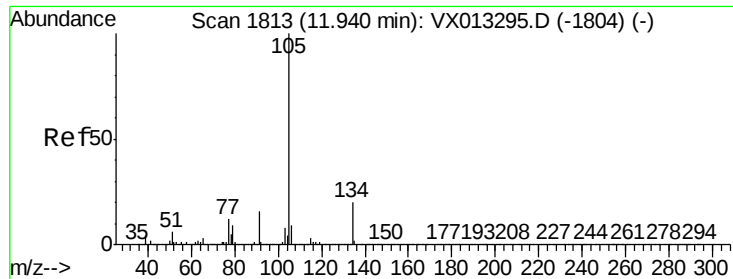
Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Tgt Ion:	105	Resp:	1497854
Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1





#85

sec-Butylbenzene

Concen: 51.014 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 1705038

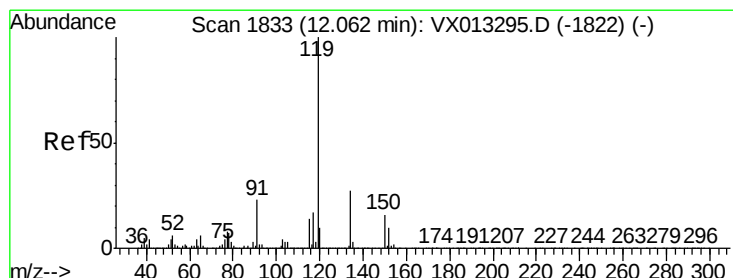
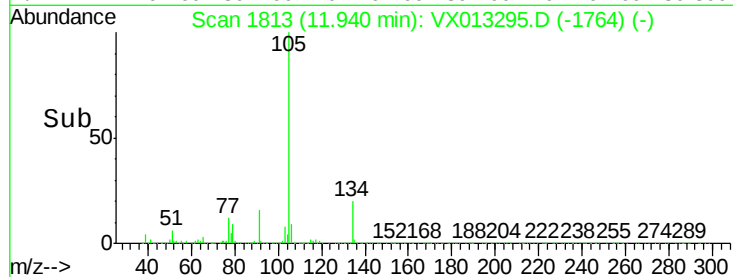
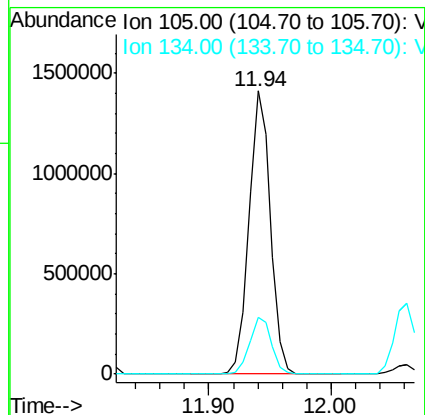
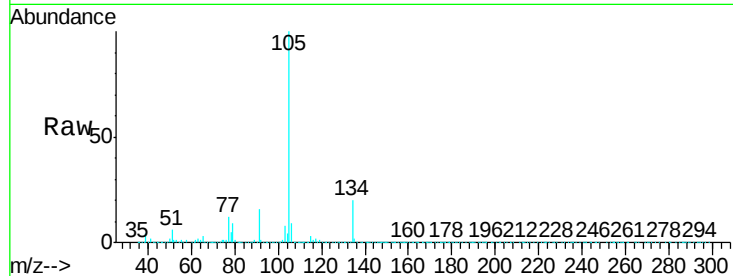
Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 51.484 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013295.D

Acq: 31 Oct 2019 17:29

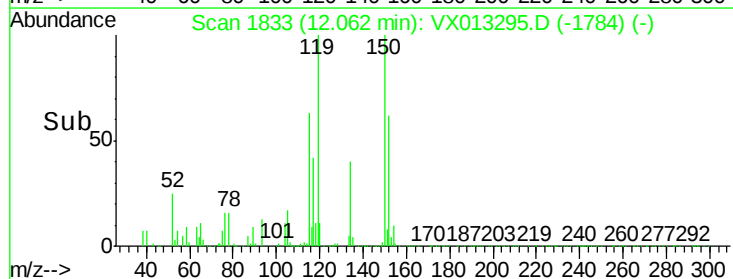
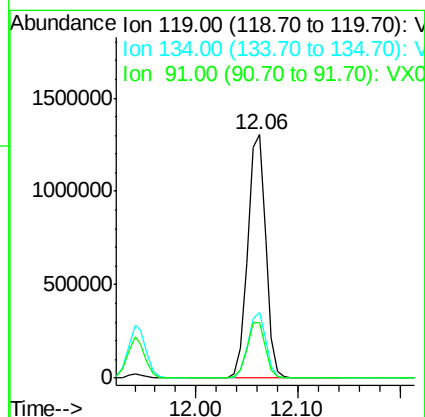
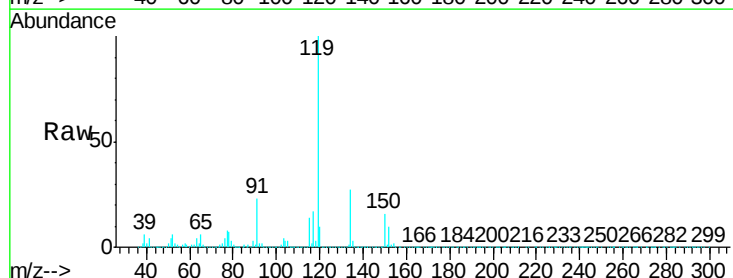
Tgt Ion:119 Resp: 1592195

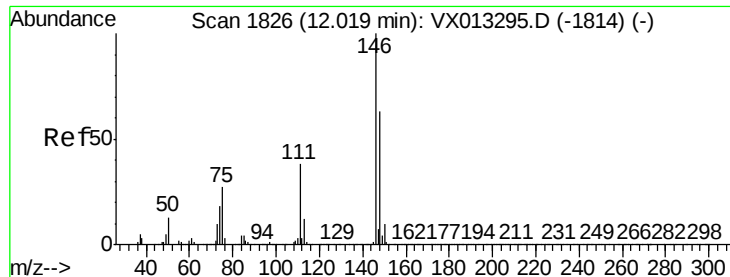
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.9 11.5 34.4





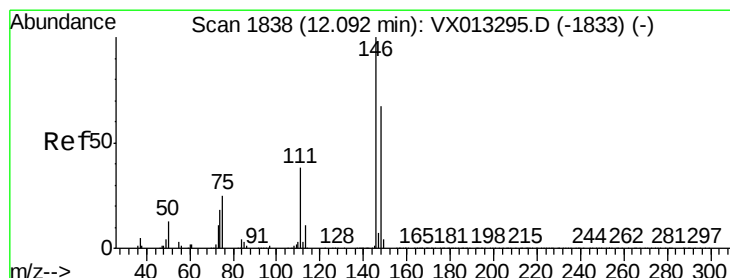
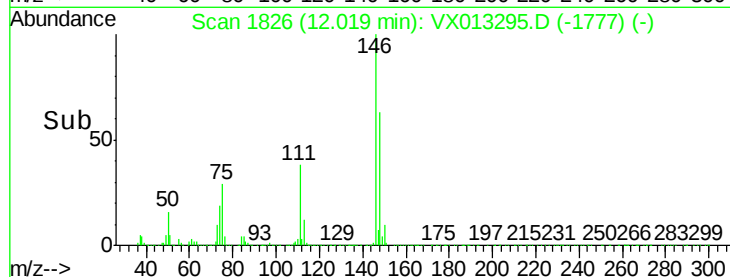
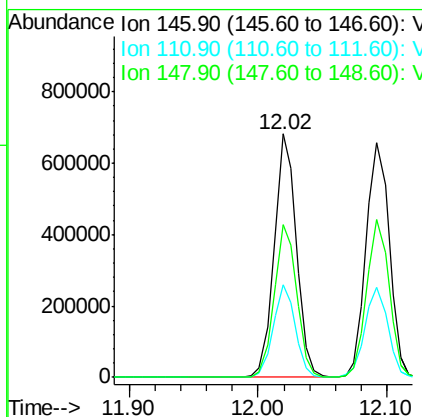
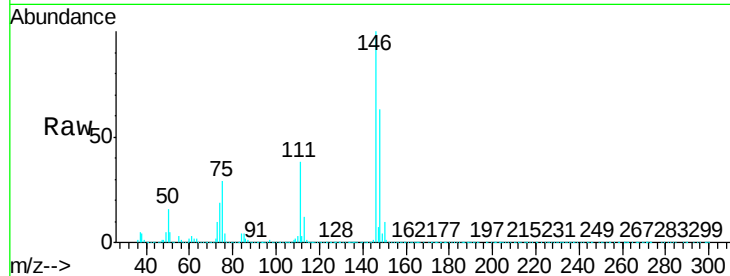
#87
 1,3-Dichlorobenzene
 Concen: 49.488 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	822267		
111	37.7	18.9	56.5	
148	63.8	31.9	95.7	

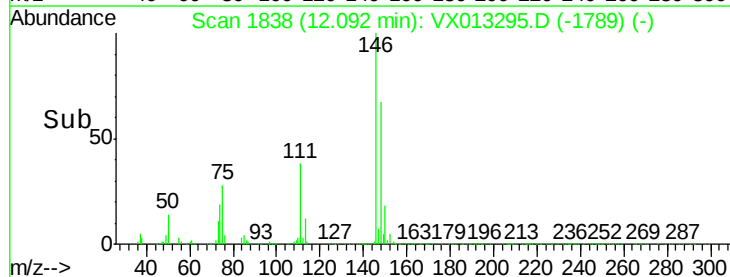
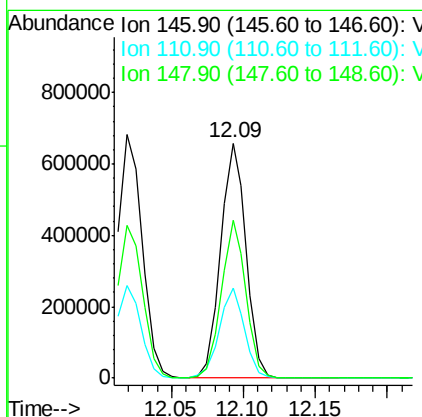
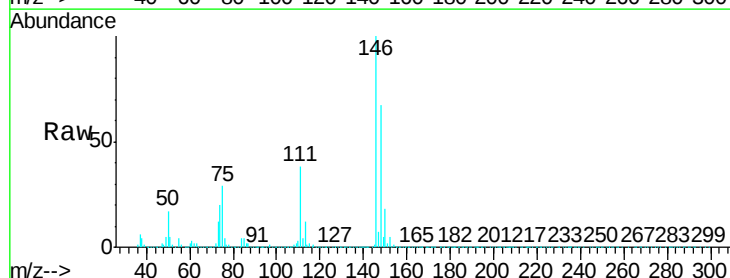
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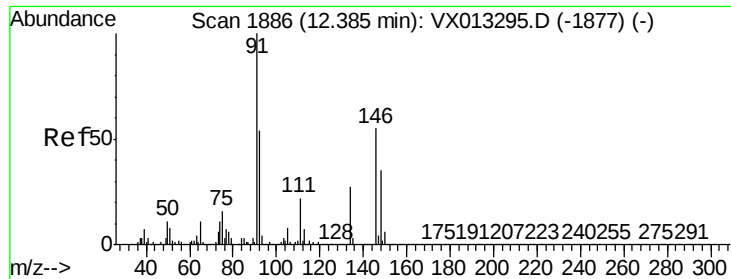
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#88
 1,4-Dichlorobenzene
 Concen: 48.102 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	816859		
111	37.6	18.8	56.4	
148	64.7	32.4	97.0	





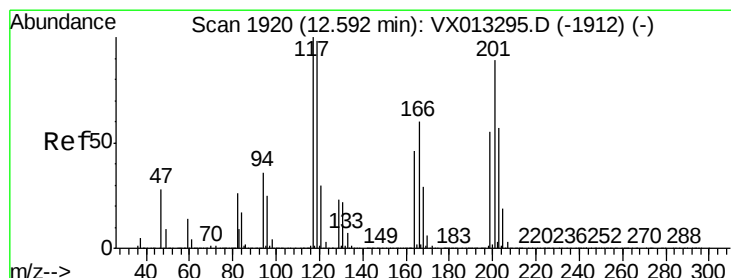
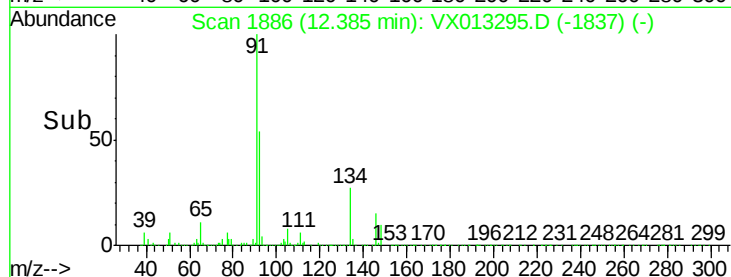
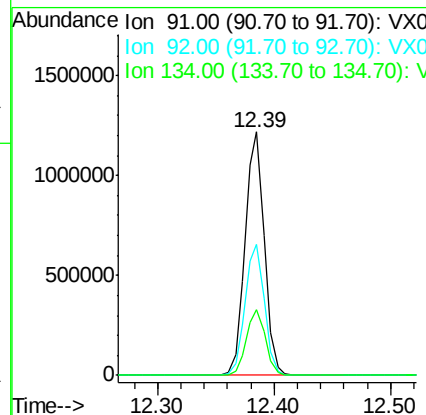
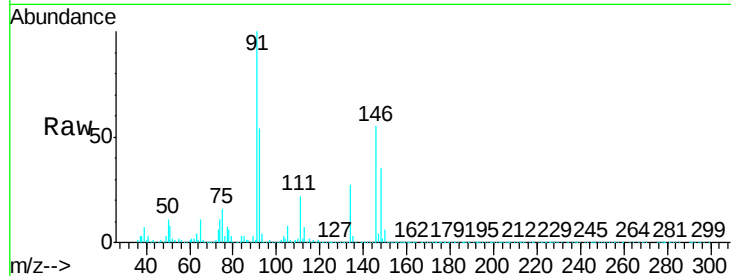
#89
n-Butylbenzene
Concen: 52.793 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 1399434
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.8
134 27.0 13.5 40.5

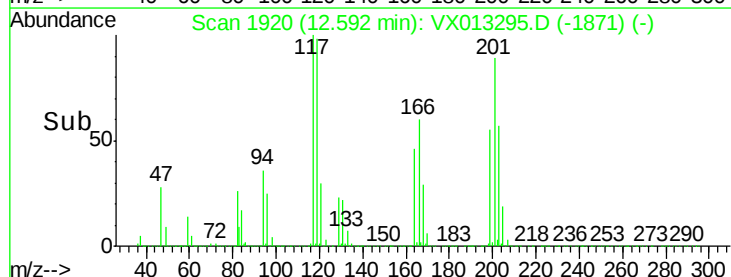
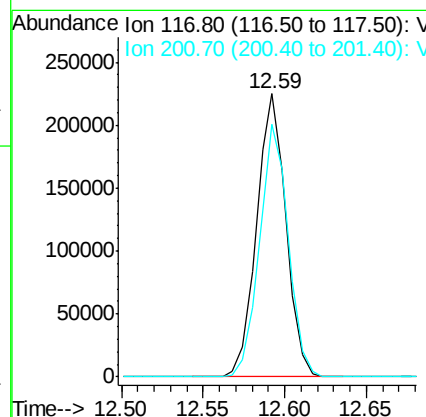
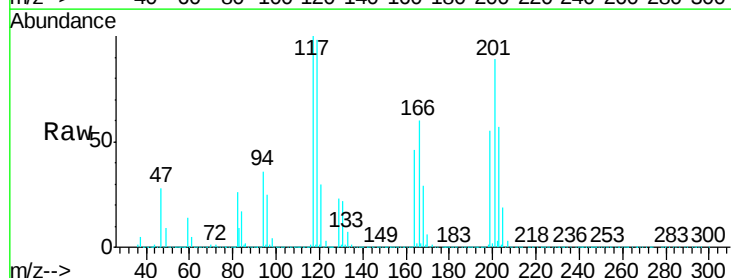
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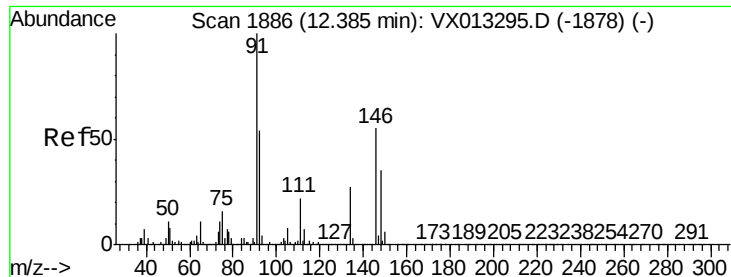
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#90
Hexachloroethane
Concen: 56.426 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion: 117 Resp: 280303
Ion Ratio Lower Upper
117 100
201 87.8 43.9 131.7





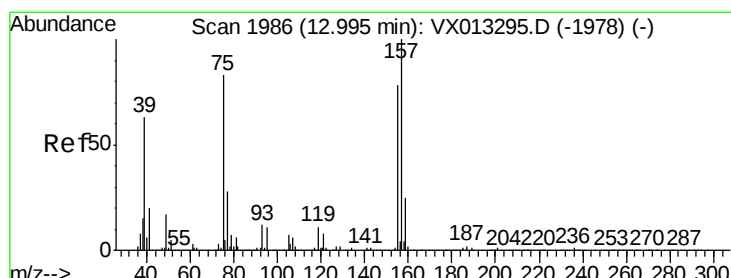
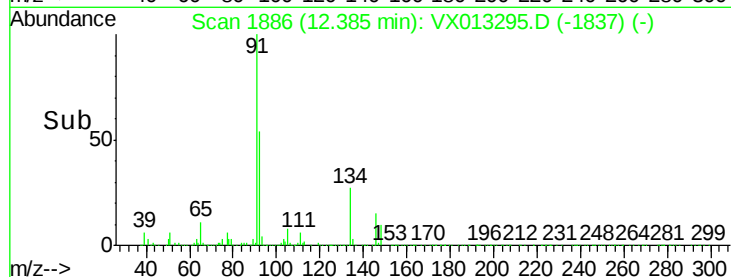
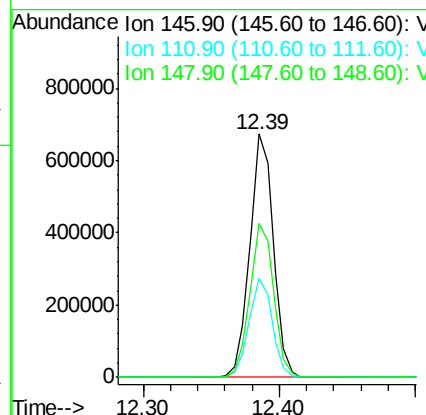
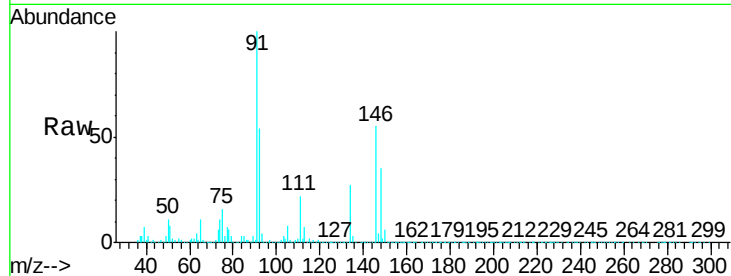
#91
 1,2-Dichlorobenzene
 Concen: 49.654 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	817371		
111	40.1	20.1	60.2	
148	64.0	32.0	96.0	

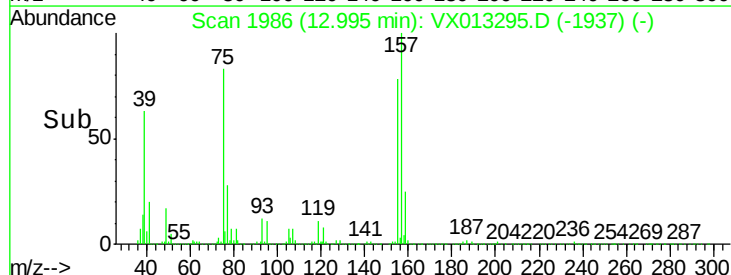
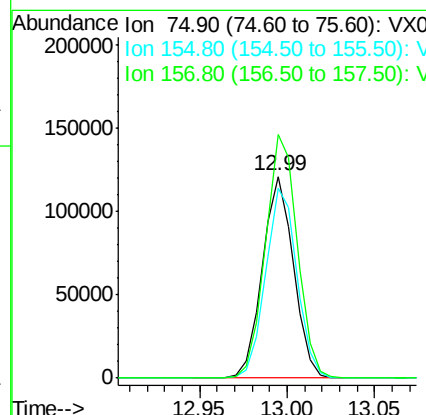
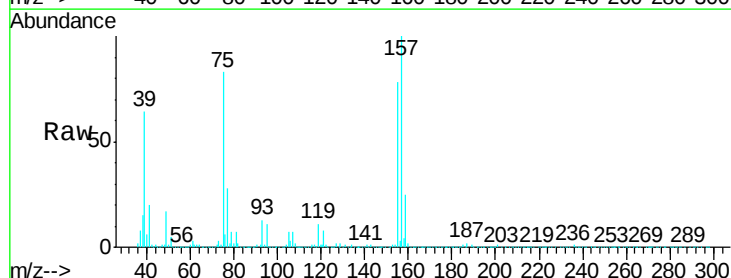
Manual Integrations
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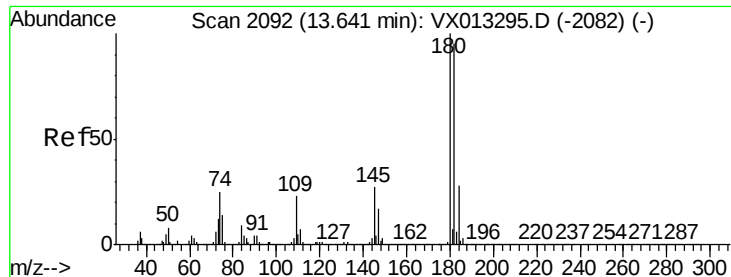
MMDadoda
 11/4/2019 3:41:09 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.759 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013295.D
 Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	149985		
155	94.3	47.1	141.4	
157	122.5	61.3	183.8	





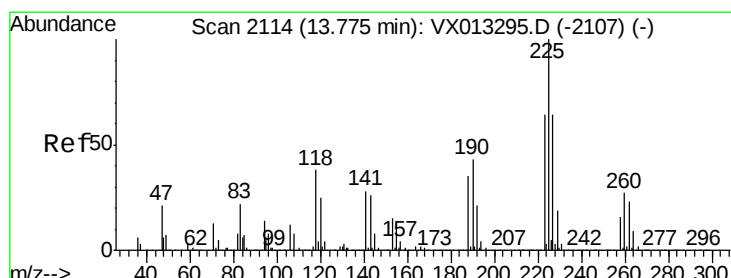
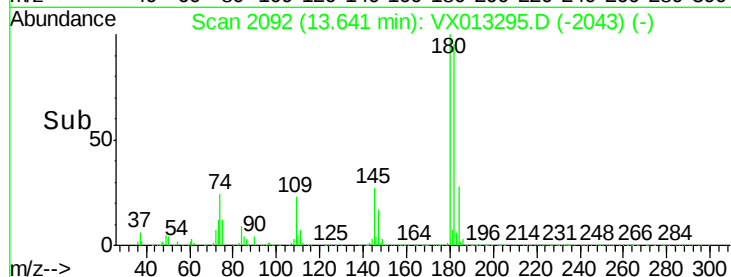
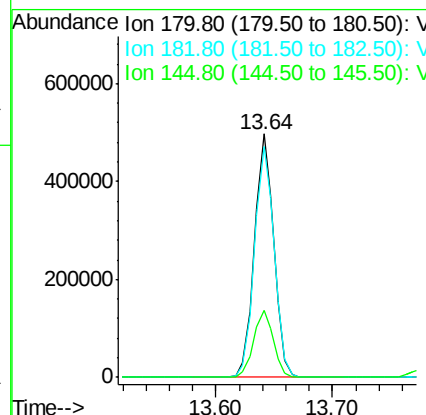
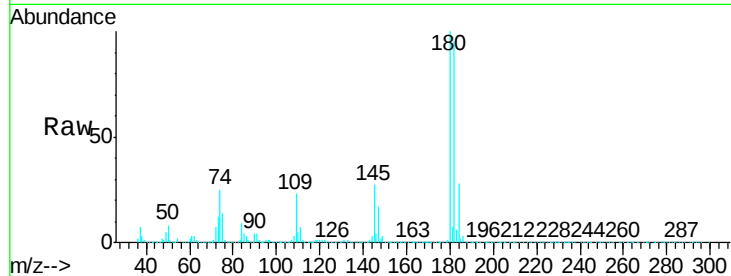
#93
1,2,4-Trichlorobenzene
Concen: 51.721 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	579093		
182	96.7	48.4	145.0	
145	28.3	14.1	42.4	

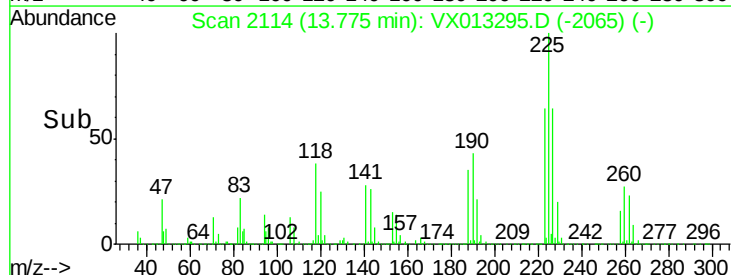
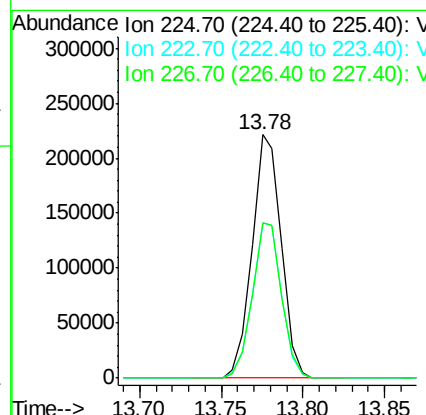
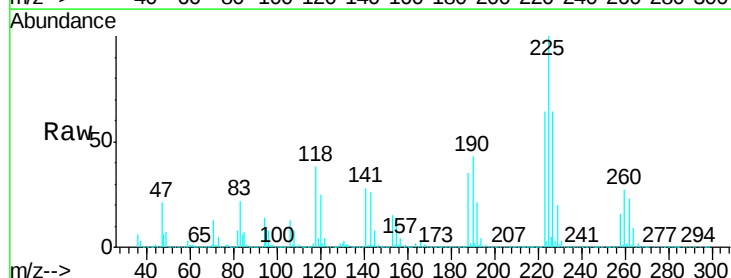
Manual Integrations
APPROVED

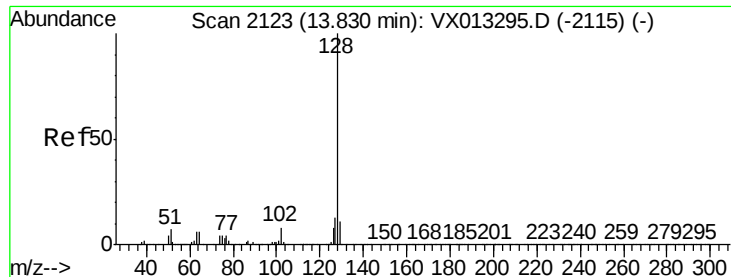
MMDadoda
11/4/2019 3:41:09 PM



#94
Hexachlorobutadiene
Concen: 49.832 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	275841		
223	63.8	31.9	95.7	
227	63.9	31.9	95.9	





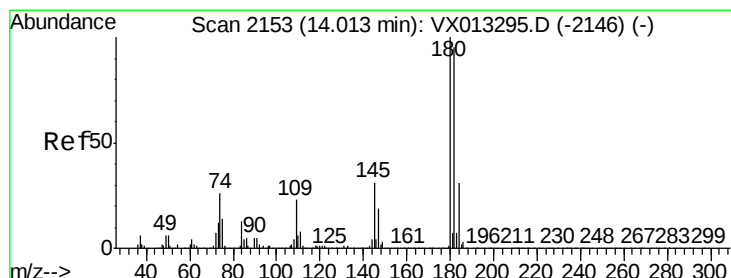
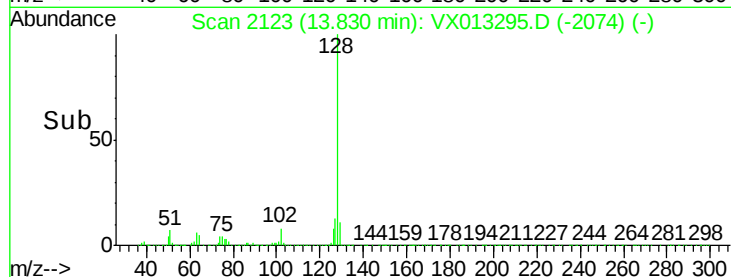
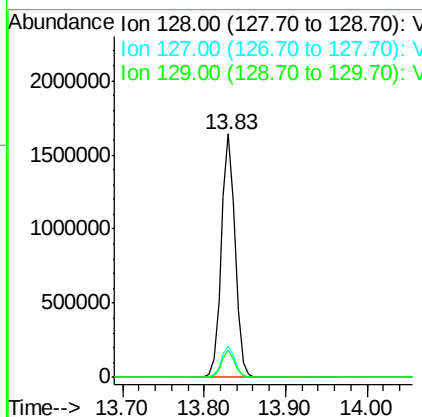
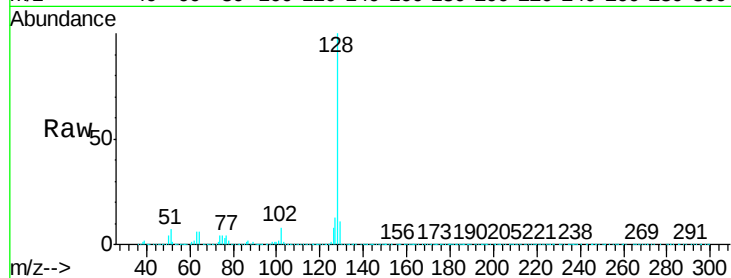
#95
Naphthalene
Concen: 57.467 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.6	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/4/2019 3:41:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.457 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013295.D
Acq: 31 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	30.9	15.4	46.4

