

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013580.D
 Acq On : 25 Nov 2019 14:50
 Operator : JC/SP
 Sample : VX1125MBS01
 Misc : 5.00G/10ML/100UL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2019 11:02:26 AM

Quant Time: Nov 25 15:45:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	642970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	978966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	883312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	444336	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	374600	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
35) Dibromofluoromethane	5.48	113	308699	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	8.71	98	1159941	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.13	95	420995	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	104366	14.088	ug/l	98
3) Chloromethane	1.32	50	129744	16.150	ug/l	98
4) Vinyl Chloride	1.40	62	146285	15.994	ug/l	99
5) Bromomethane	1.63	94	87439	13.719	ug/l	99
6) Chloroethane	1.72	64	84727	15.381	ug/l	94
7) Trichlorofluoromethane	1.92	101	164767	15.248	ug/l	100
8) Diethyl Ether	2.18	74	83448	17.463	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105841	17.574	ug/l	99
10) Methyl Iodide	2.50	142	107566	14.426	ug/l	98
11) Tert butyl alcohol	3.03	59	156352	77.876	ug/l	96
12) 1,1-Dichloroethene	2.36	96	101692	17.242	ug/l	96
13) Acrolein	2.28	56	145361	133.590	ug/l	99
14) Allyl chloride	2.72	41	197521	18.432	ug/l	95
15) Acrylonitrile	3.13	53	360422	96.105	ug/l	99
16) Acetone	2.43	43	358983	94.484	ug/l	99
17) Carbon Disulfide	2.56	76	223712	14.172	ug/l	100
18) Methyl Acetate	2.76	43	208275	19.856	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	386288	19.637	ug/l	98
20) Methylene Chloride	2.84	84	124752	17.771	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	112792	17.564	ug/l	98
22) Diisopropyl ether	3.84	45	413927	20.007	ug/l	99
23) Vinyl Acetate	3.80	43	1664560	94.025	ug/l	99
24) 1,1-Dichloroethane	3.69	63	216101	18.672	ug/l	98
25) 2-Butanone	4.65	43	521813	93.619	ug/l	100
26) 2,2-Dichloropropane	4.57	77	173925	18.891	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	139268	19.360	ug/l	98
28) Bromochloromethane	5.00	49	67493	20.539	ug/l	97
29) Tetrahydrofuran	5.11	42	316924	92.269	ug/l	99
30) Chloroform	5.20	83	217067	18.994	ug/l	98
31) Cyclohexane	5.57	56	175479	16.850	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	174137	17.706	ug/l	99
36) 1,1-Dichloropropene	5.79	75	147155	17.522	ug/l	98
37) Ethyl Acetate	4.81	43	191438	18.447	ug/l	99
38) Carbon Tetrachloride	5.77	117	144230	17.562	ug/l	97

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Manual Integrations
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Quant Time: Nov 25 15:45:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177451	16.957	ug/l	97
40) Benzene	6.14	78	481984	18.424	ug/l	97
41) Methacrylonitrile	5.03	41	108598	18.670	ug/l	97
42) 1,2-Dichloroethane	6.18	62	173332	18.369	ug/l	98
43) Isopropyl Acetate	6.44	43	308152	19.069	ug/l	99
44) Trichloroethene	7.20	130	127726	17.737	ug/l	93
45) 1,2-Dichloropropane	7.51	63	131163	19.678	ug/l	99
46) Dibromomethane	7.65	93	82860	18.207	ug/l	97
47) Bromodichloromethane	7.89	83	158770	18.500	ug/l	98
48) Methyl methacrylate	7.76	41	151716	18.808	ug/l	96
49) 1,4-Dioxane	7.73	88	56692	306.888	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	994501	93.802	ug/l	98
52) Toluene	8.78	92	300803	18.552	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	175592	18.711	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	198697	18.928	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	130519	19.421	ug/l	99
56) Ethyl methacrylate	9.17	69	204445	18.825	ug/l	97
57) 1,3-Dichloropropane	9.37	76	219904	19.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	465286	101.255	ug/l	99
59) 2-Hexanone	9.48	43	766085	93.504	ug/l	98
60) Dibromochloromethane	9.57	129	129099	18.783	ug/l	98
61) 1,2-Dibromoethane	9.67	107	134205	18.806	ug/l	99
64) Tetrachloroethene	9.33	164	114362	18.086	ug/l	95
65) Chlorobenzene	10.14	112	332913	18.616	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	123617	18.826	ug/l	98
67) Ethyl Benzene	10.25	91	573036	18.566	ug/l	100
68) m/p-Xylenes	10.36	106	433363	37.127	ug/l	99
69) o-Xylene	10.70	106	212578	18.602	ug/l	99
70) Styrene	10.71	104	364265	19.068	ug/l	99
71) Bromoform	10.85	173	96440	18.029	ug/l	99
73) Isopropylbenzene	11.01	105	570095	19.351	ug/l	99
74) N-amyl acetate	10.89	43	268205	19.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	209294	19.474	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	190399m	21.097	ug/l	
77) Bromobenzene	11.25	156	150947	19.220	ug/l	99
78) n-propylbenzene	11.35	91	636105	19.383	ug/l	100
79) 2-Chlorotoluene	11.42	91	380209	19.230	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	474699	19.345	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	61544	17.553	ug/l	98
82) 4-Chlorotoluene	11.51	91	436228	18.848	ug/l	99
83) tert-Butylbenzene	11.76	119	481327	19.486	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	474987	19.296	ug/l	98
85) sec-Butylbenzene	11.94	105	548787	19.331	ug/l	100
86) p-Isopropyltoluene	12.06	119	507395	19.409	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	268575	19.185	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	267510	18.755	ug/l	99
89) n-Butylbenzene	12.39	91	442444	19.396	ug/l	100
90) Hexachloroethane	12.59	117	84766	18.199	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	270108	19.302	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44155	16.863	ug/l	98

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VX1125MBS01

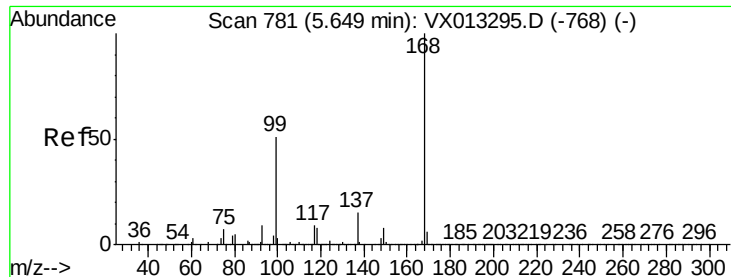
Manual Integrations
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12/4/2019 11:02:26 AM

Quant Time: Nov 25 15:45:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	193224	19.795	ug/l	99
94) Hexachlorobutadiene	13.78	225	89003	18.637	ug/l	95
95) Naphthalene	13.83	128	618443	20.194	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	194045	19.822	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBS01

Tot Ion:168 Resp: 642970

Ion Ratio Lower Upper

168 100

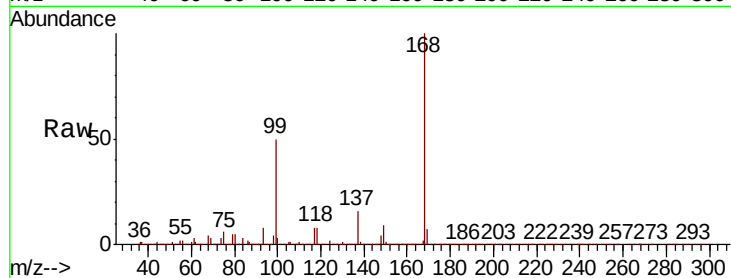
99 50.0 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

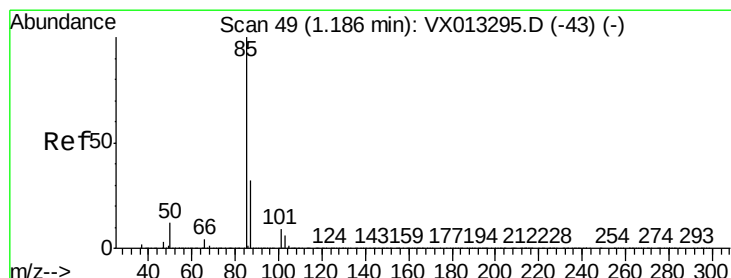
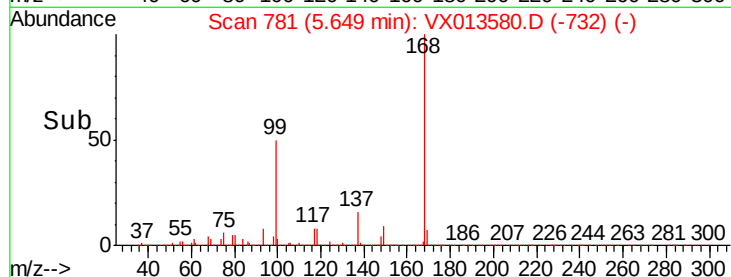
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 14.088 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013580.D

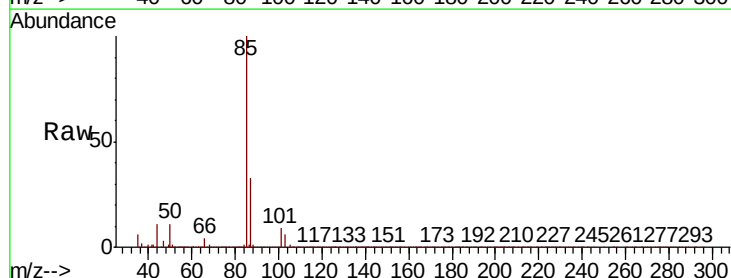
Acq: 25 Nov 2019 14:50

Tgt Ion: 85 Resp: 104366

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

40000

20000

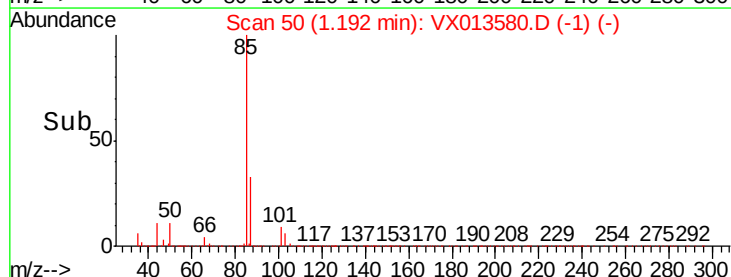
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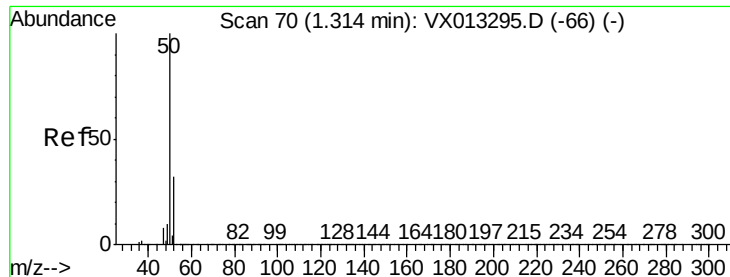
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 16.150 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

ClientSampled :

VX1125MBS01

Tot Ion: 50 Resp: 129744

Ion Ratio Lower Upper

50 100

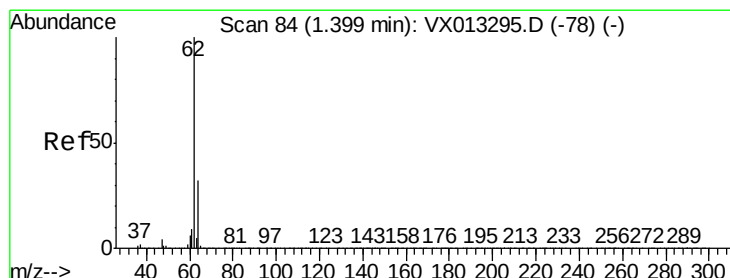
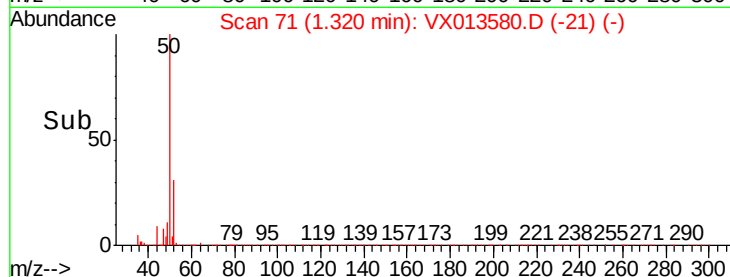
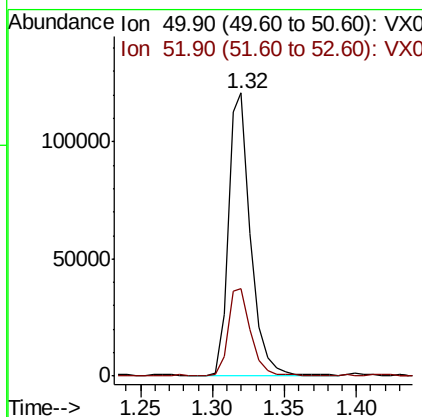
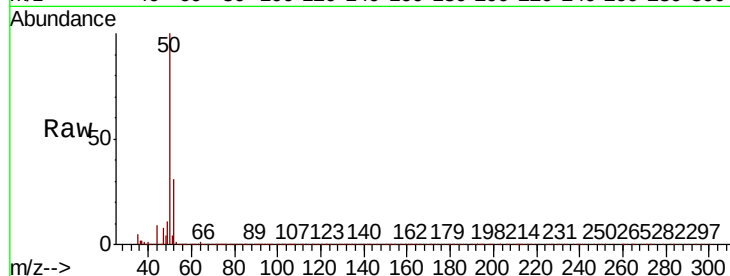
52 30.9 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.994 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013580.D

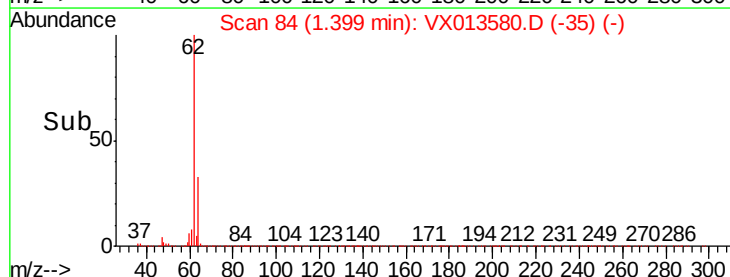
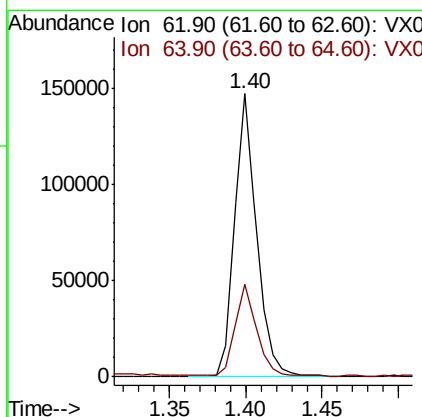
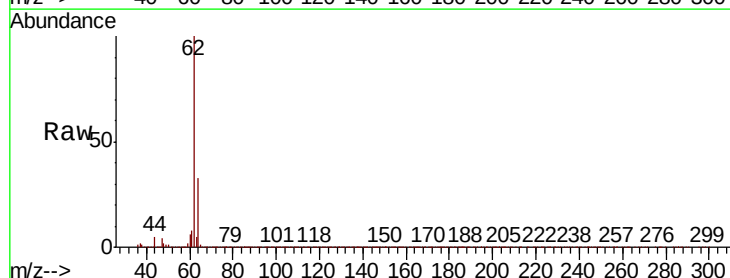
Acq: 25 Nov 2019 14:50

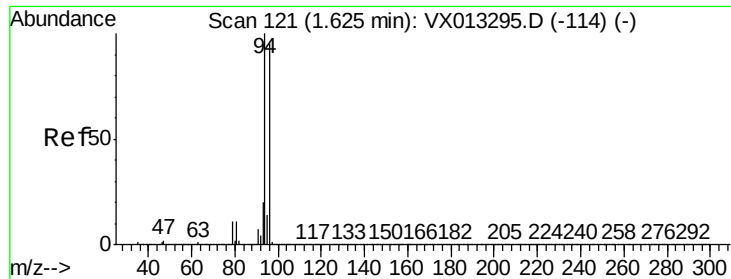
Tgt Ion: 62 Resp: 146285

Ion Ratio Lower Upper

62 100

64 32.6 25.6 38.4





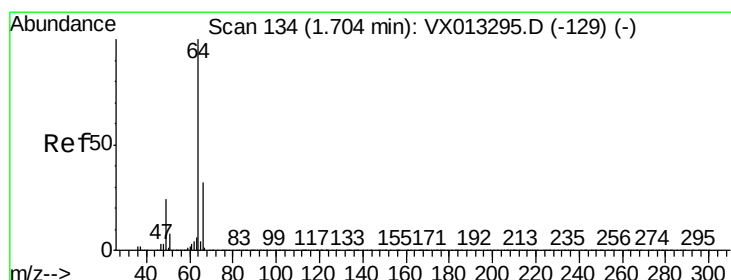
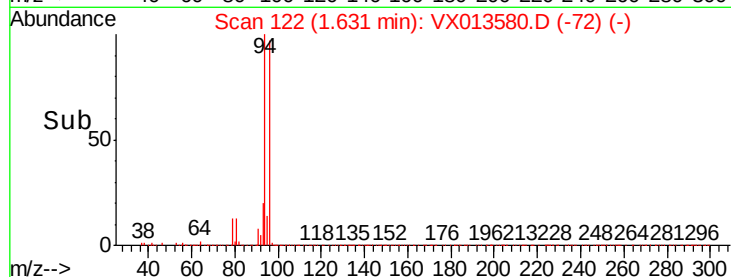
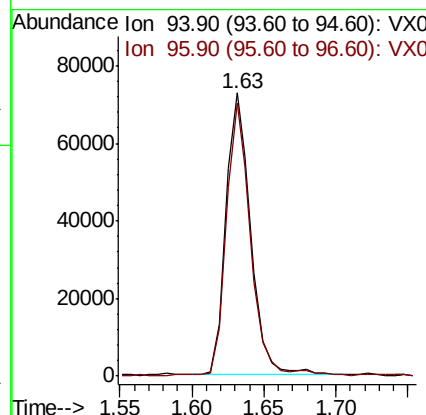
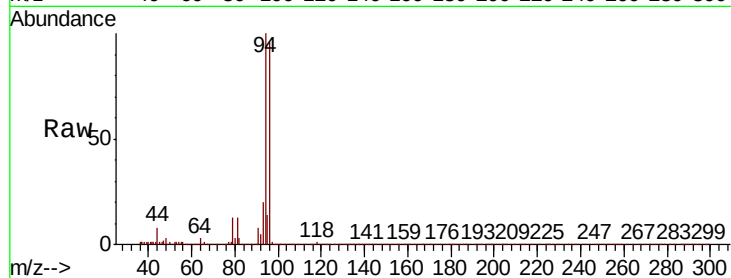
#5
Bromomethane
Concen: 13.719 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
94	100		
96	96.2	75.8	113.8

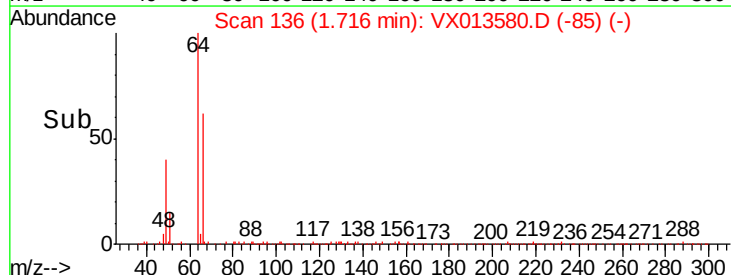
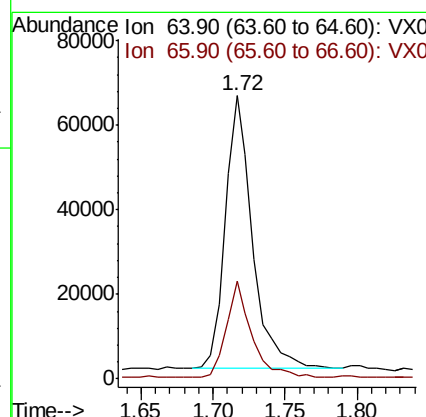
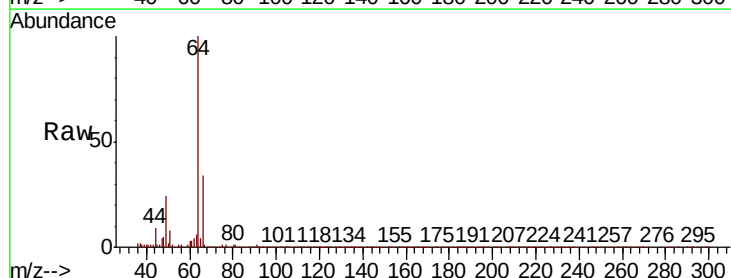
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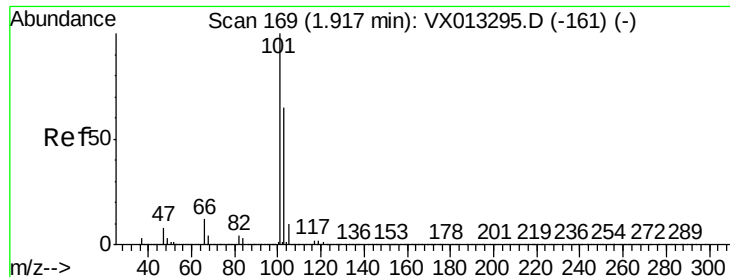
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#6
Chloroethane
Concen: 15.381 ug/l
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
64	100		
66	35.2	25.6	38.4





#7

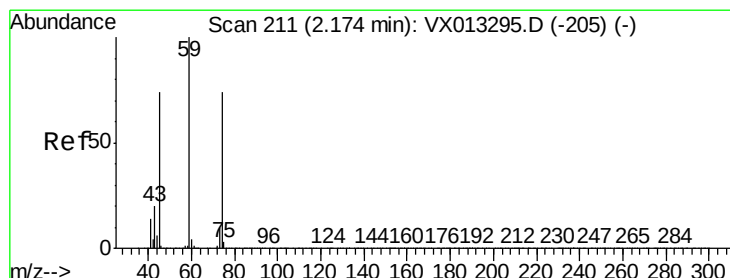
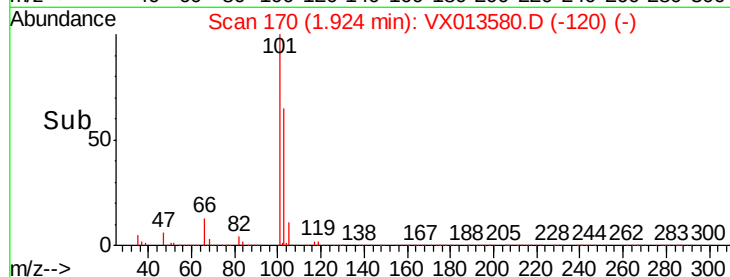
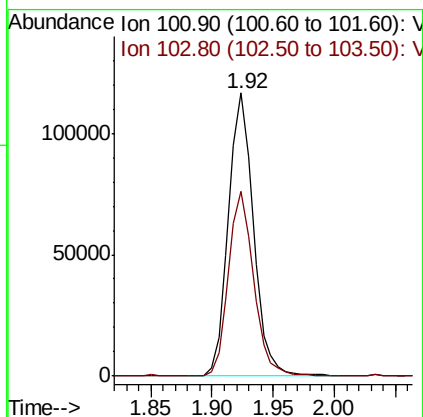
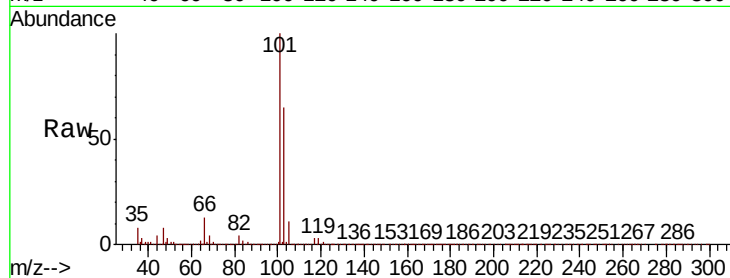
Trichlorofluoromethane
Concen: 15.248 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

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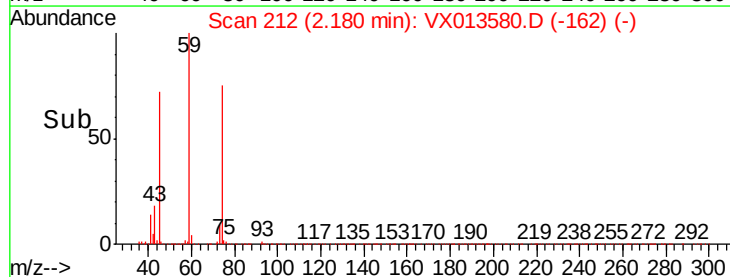
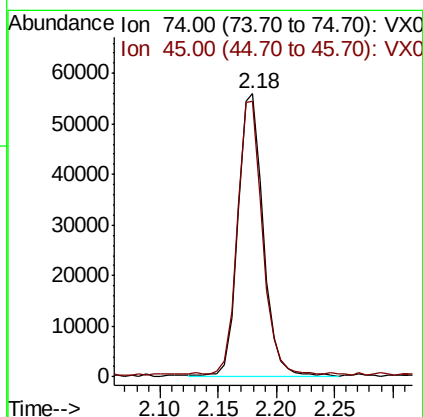
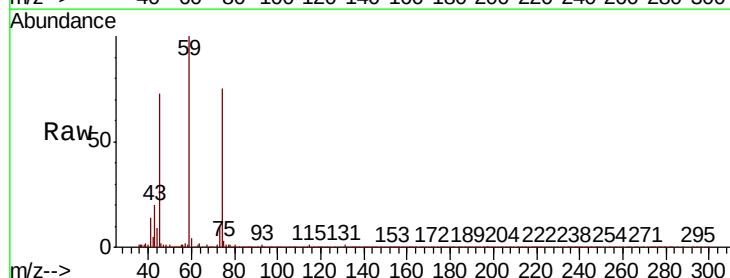
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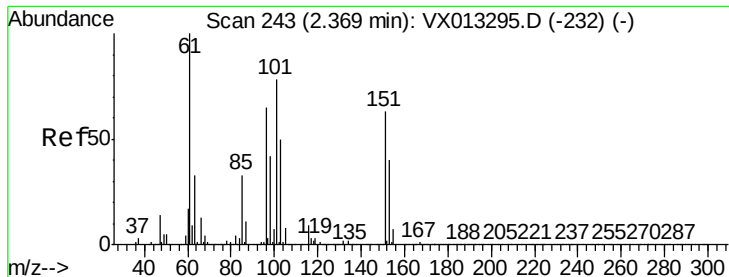


#8

Diethyl Ether
Concen: 17.463 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.574 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

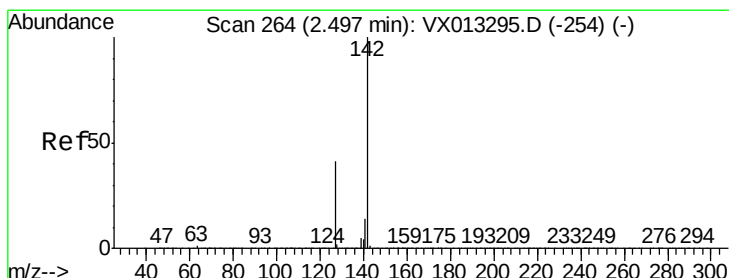
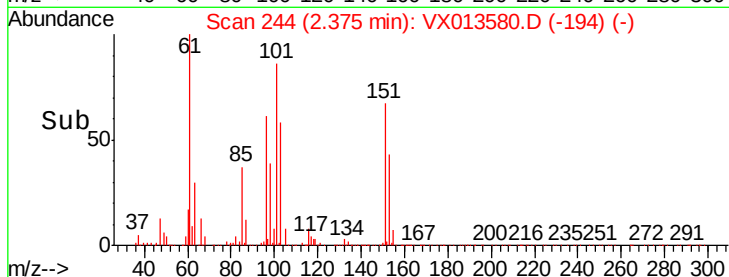
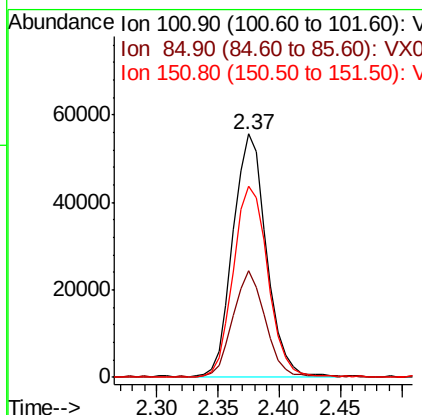
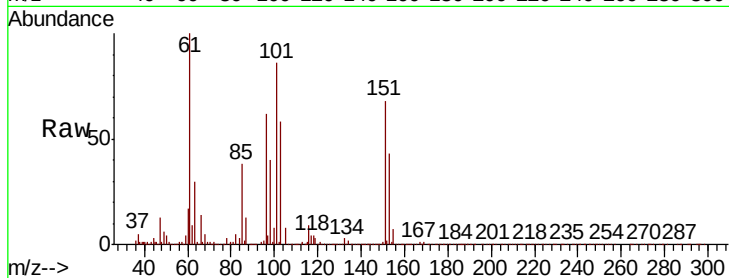
ClientSampleId :

VX1125MBS01

Tot Ion:	101	Resp:	105841
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.4	51.6
151	81.8	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 14.426 ug/l

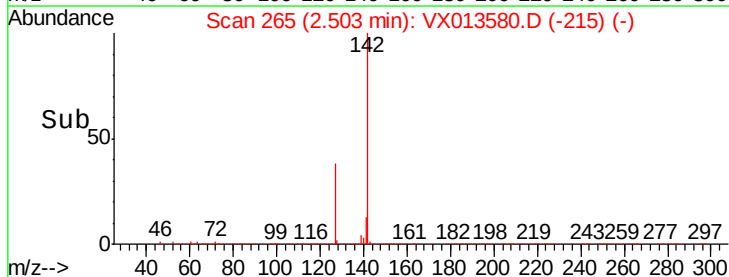
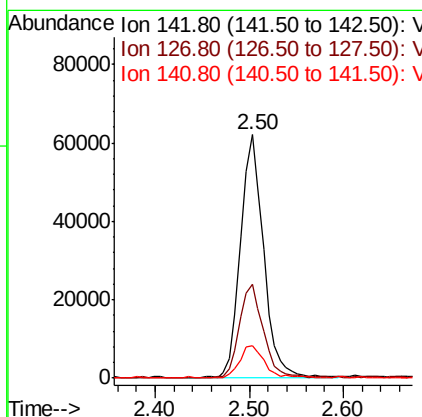
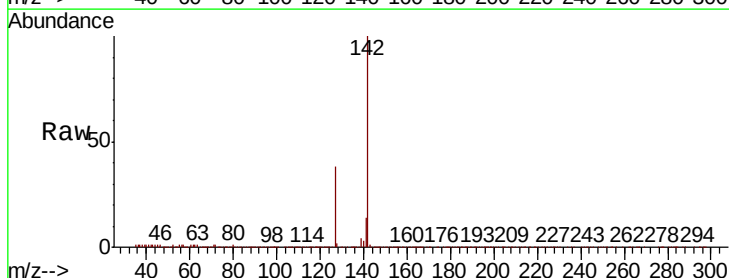
RT: 2.50 min Scan# 265

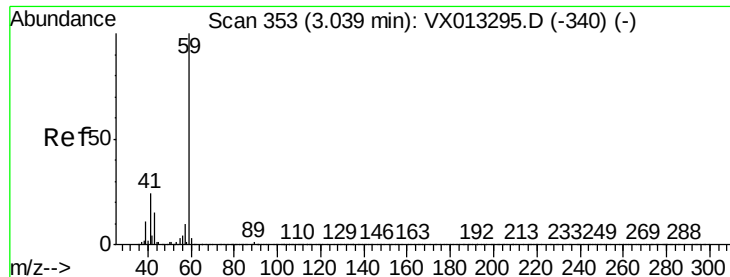
Delta R.T. 0.01 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Tgt Ion:	142	Resp:	107566
Ion Ratio	Lower	Upper	
142	100		
127	39.5	32.6	49.0
141	14.1	11.6	17.4





#11

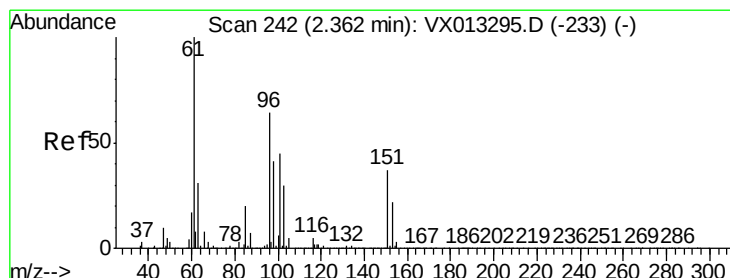
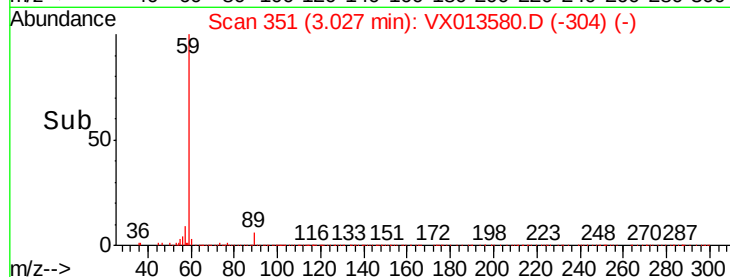
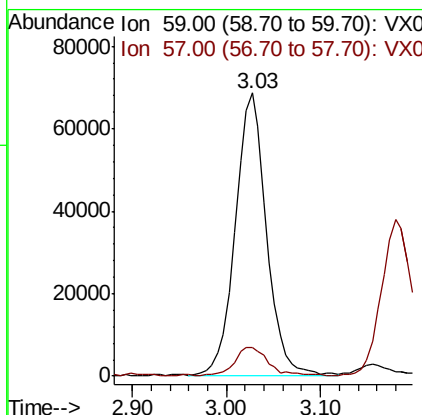
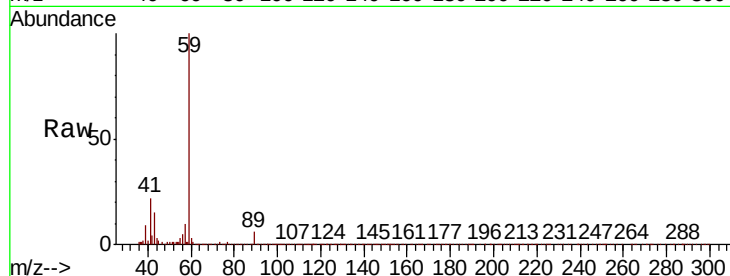
Tert butyl alcohol
Concen: 77.876 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.0	12.0

Manual Integrations
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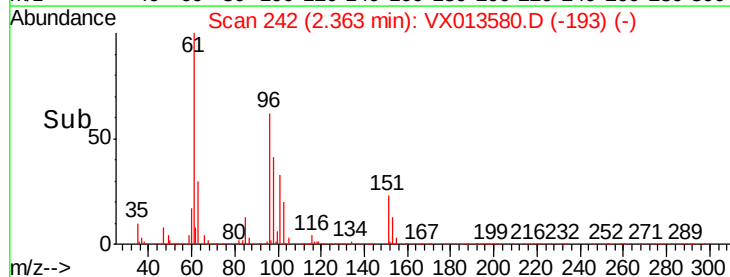
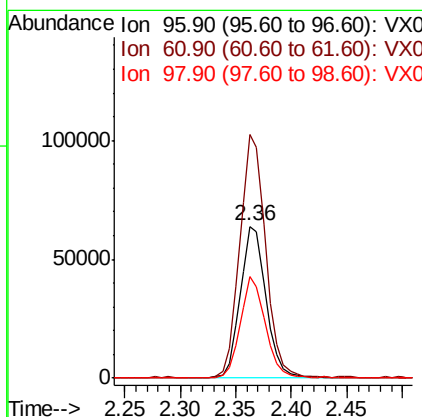
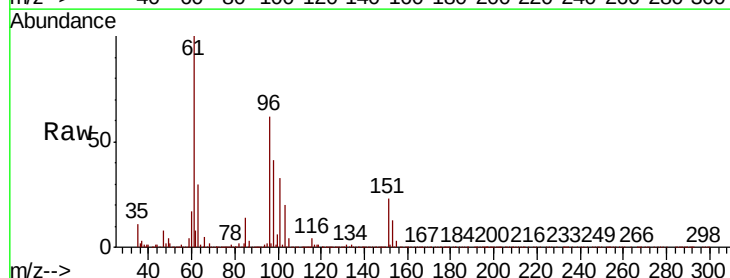
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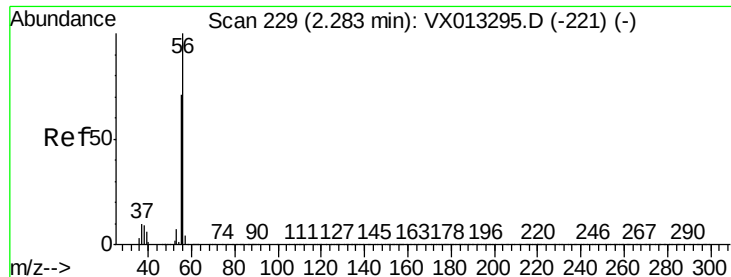


#12

1,1-Dichloroethene
Concen: 17.242 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.5	125.0	187.6
98	66.8	50.7	76.1





#13

Acrolein

Concen: 133.590 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

ClientSampled :

VX1125MBS01

Tot Ion: 56 Resp: 145361

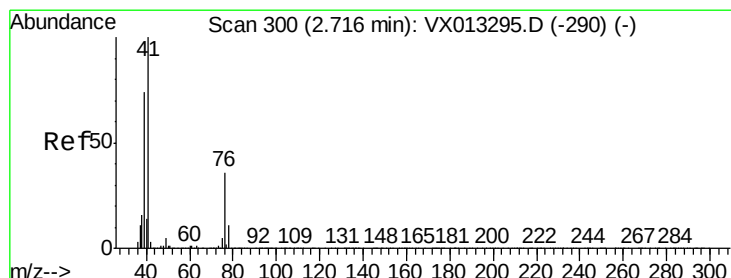
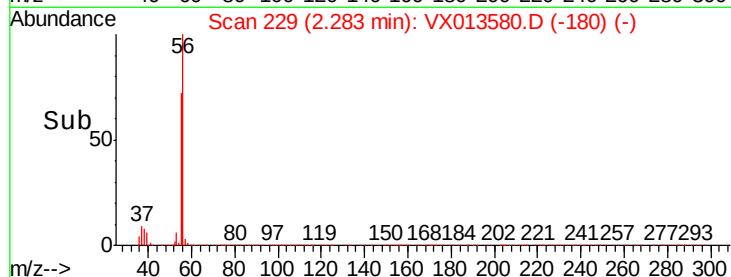
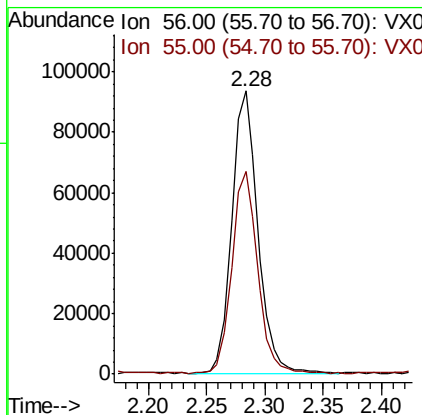
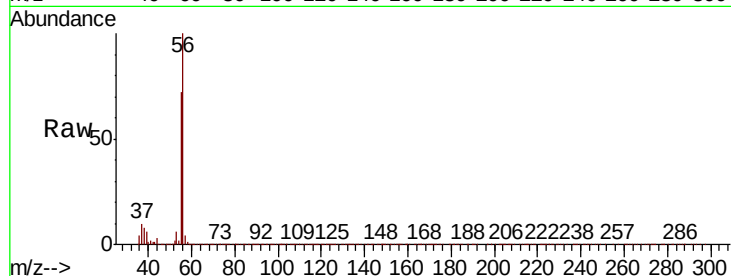
Ion Ratio Lower Upper

56 100

55 71.3 57.4 86.0

Manual Integrations
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#14

Allyl chloride

Concen: 18.432 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

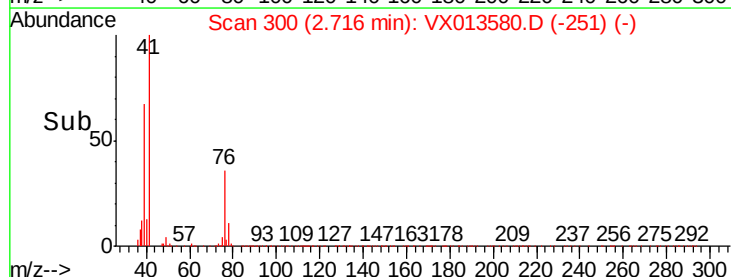
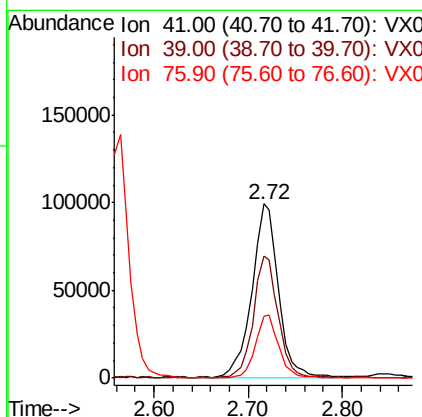
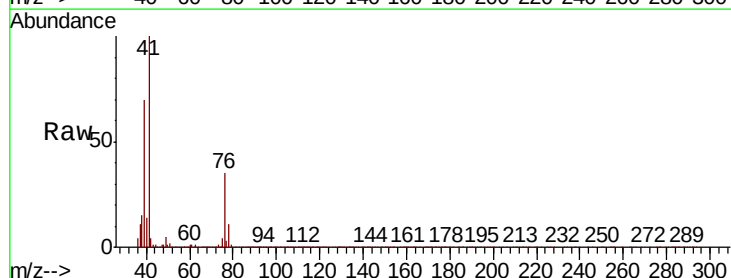
Tgt Ion: 41 Resp: 197521

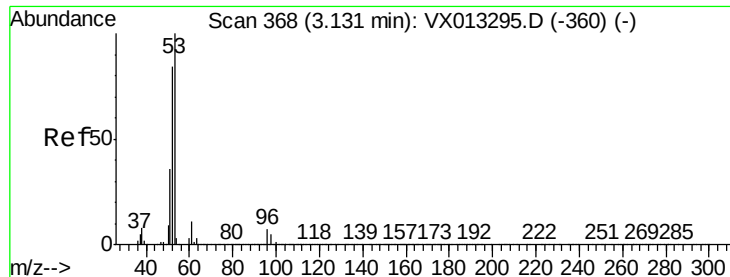
Ion Ratio Lower Upper

41 100

39 64.5 55.8 83.8

76 31.2 26.4 39.6





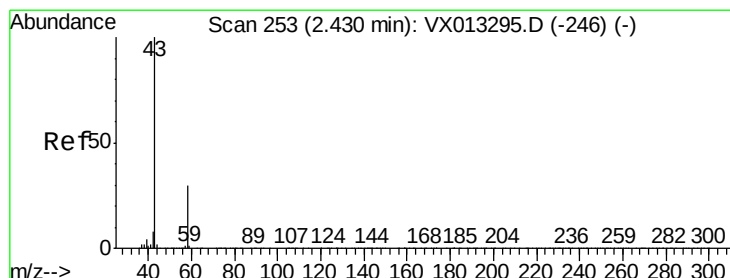
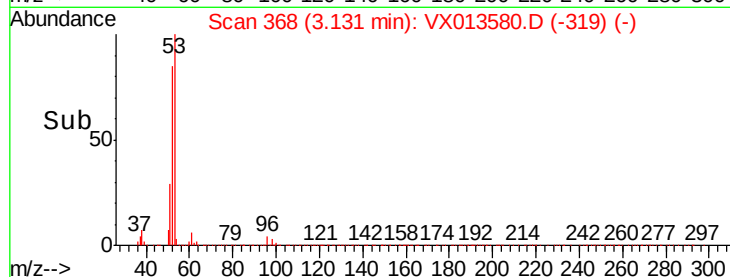
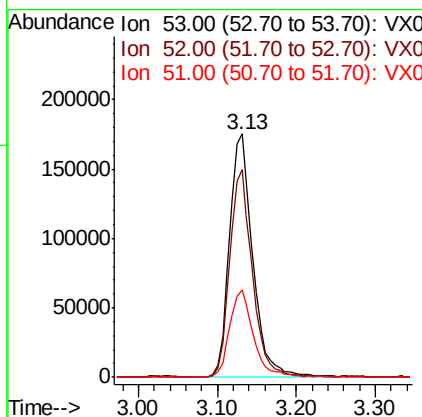
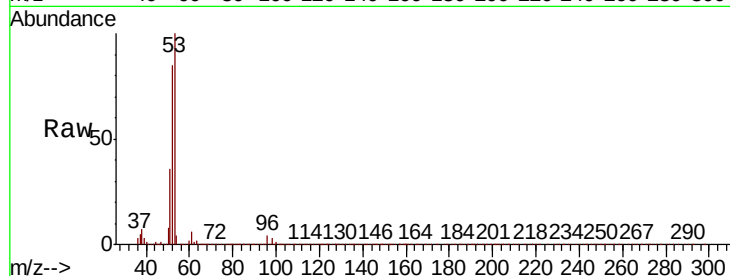
#15
Acrylonitrile
Concen: 96.105 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion:	53	Resp:	360422
Ion Ratio		Lower	Upper
53	100		
52	83.0	67.4	101.0
51	36.1	29.4	44.2

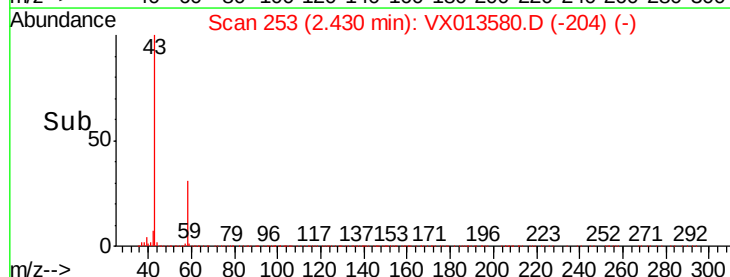
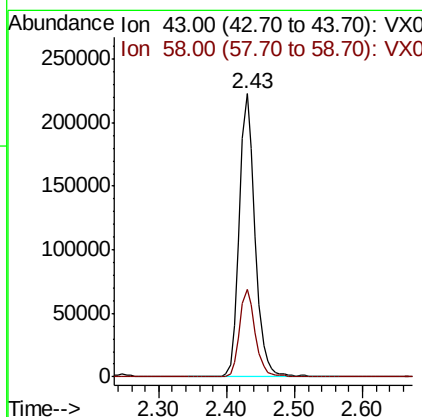
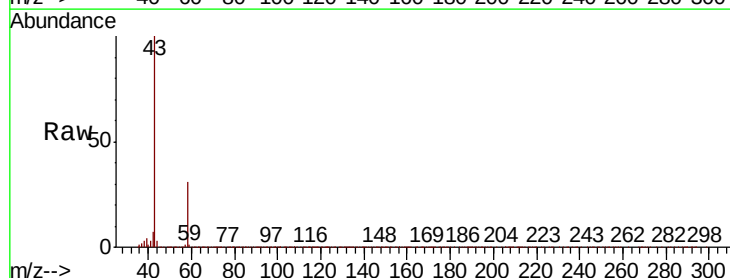
Manual Integrations
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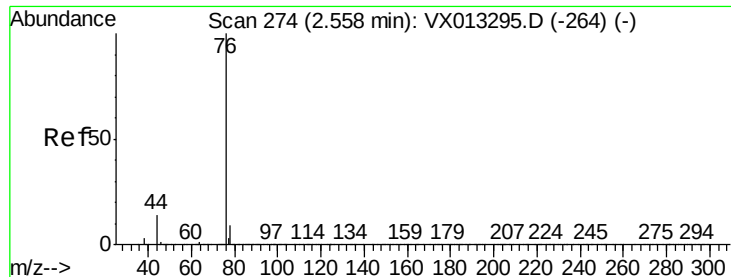
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#16
Acetone
Concen: 94.484 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion:	43	Resp:	358983
Ion Ratio		Lower	Upper
43	100		
58	31.0	24.3	36.5





#17

Carbon Disulfide

Concen: 14.172 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBS01

Tot Ion: 76 Resp: 223712

Ion Ratio Lower Upper

76 100

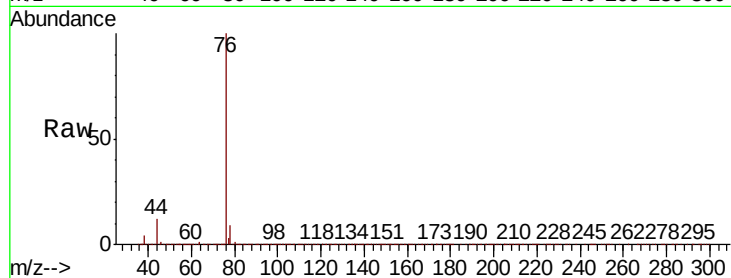
78 9.0 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

100000

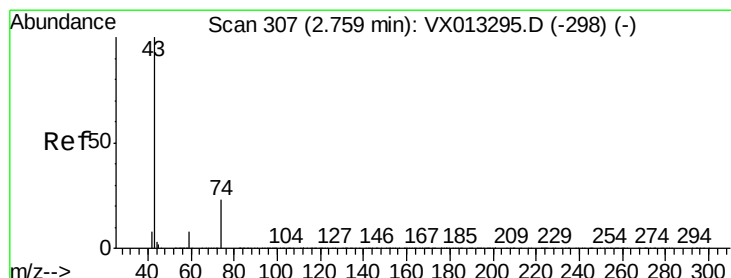
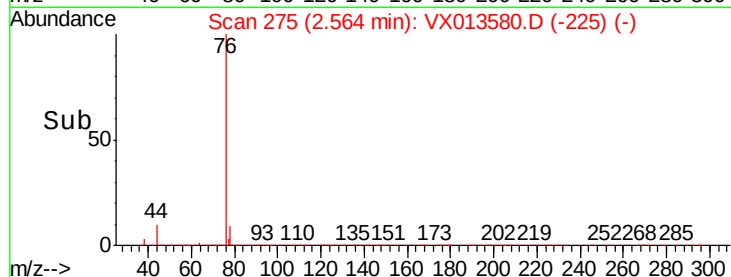
50000

0

2.56

2.55 2.56 2.57 2.58 2.59 2.60 2.61 2.62 2.63 2.64 2.65

Time-->



#18

Methyl Acetate

Concen: 19.856 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013580.D

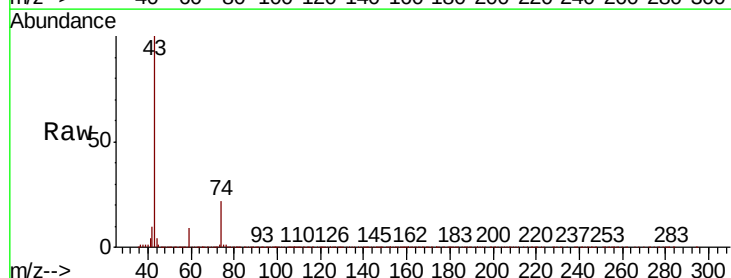
Acq: 25 Nov 2019 14:50

Tgt Ion: 43 Resp: 208275

Ion Ratio Lower Upper

43 100

74 24.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

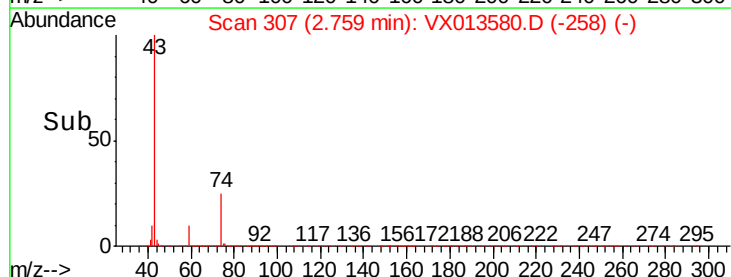
50000

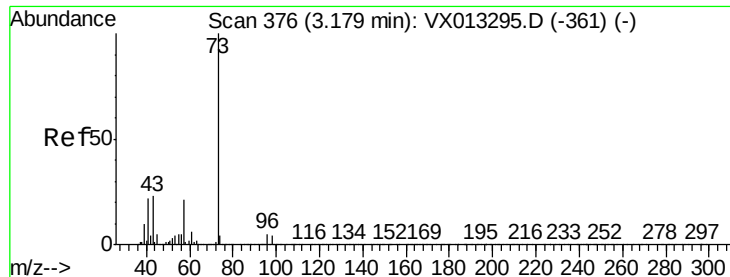
0

2.76

2.75 2.76 2.77 2.78 2.79 2.80 2.81 2.82 2.83 2.84 2.85

Time-->





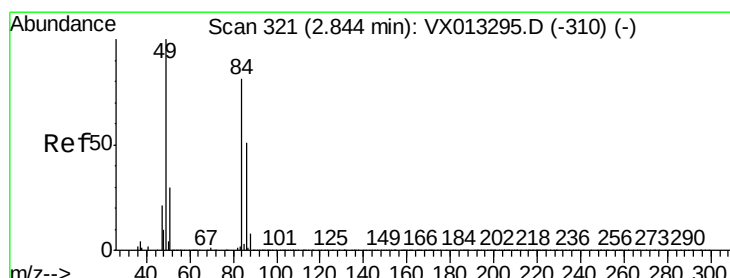
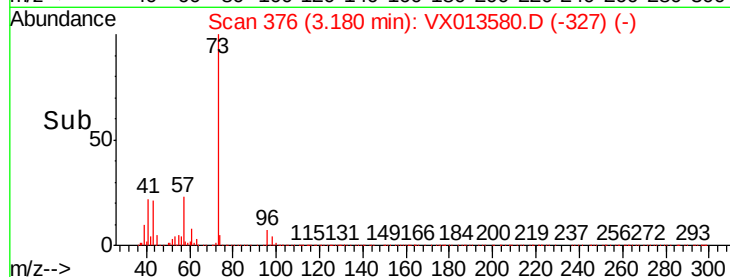
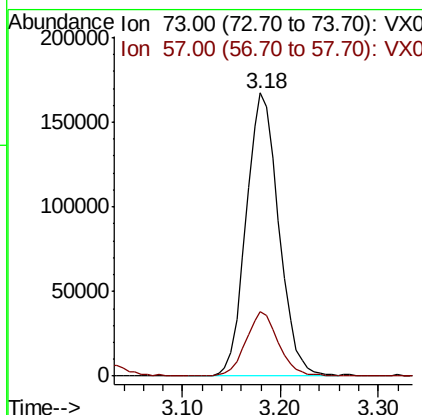
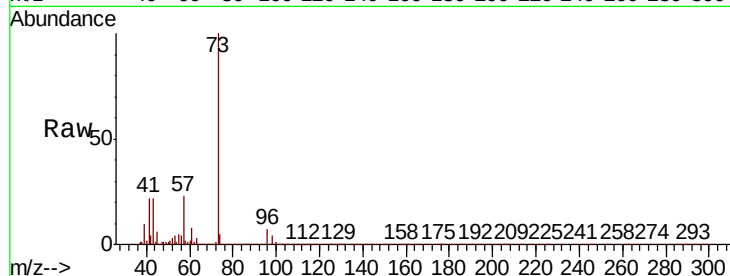
#19
Methyl tert-butyl Ether
Concen: 19.637 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.1	25.7

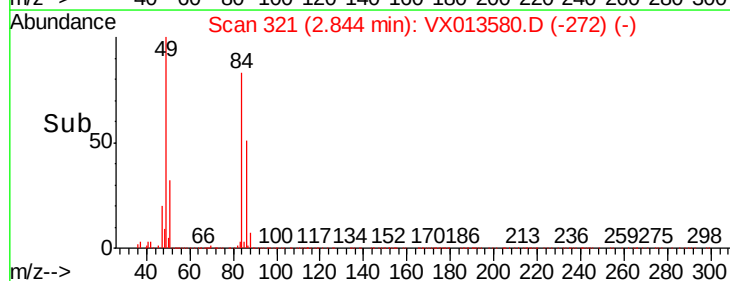
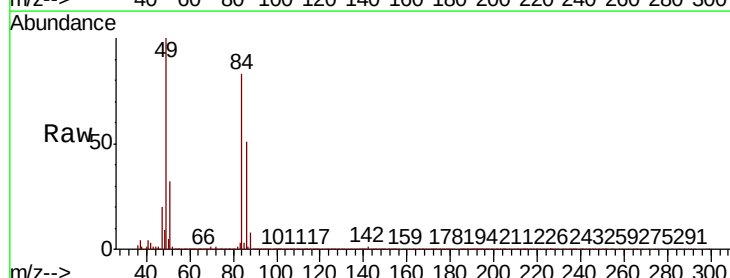
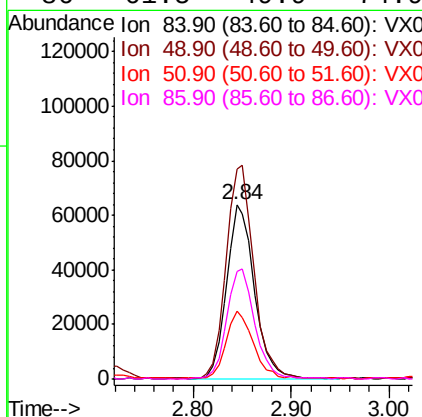
Manual Integrations
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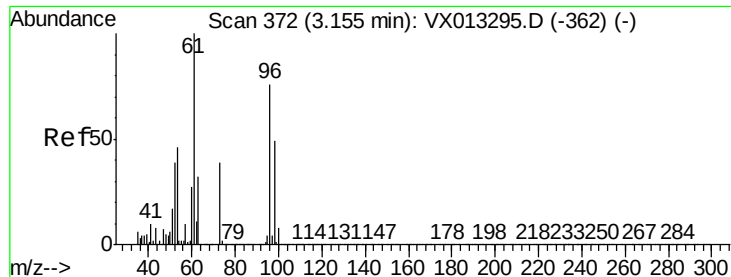
MMDadoda
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#20
Methylene Chloride
Concen: 17.771 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.2	98.2	147.4
51	38.2	29.9	44.9
86	61.5	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 17.564 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

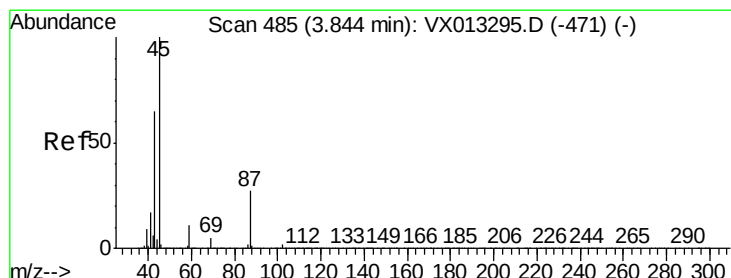
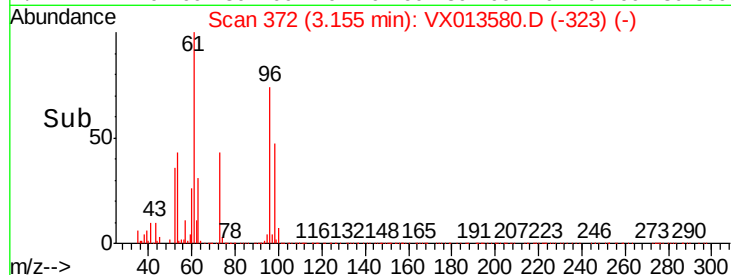
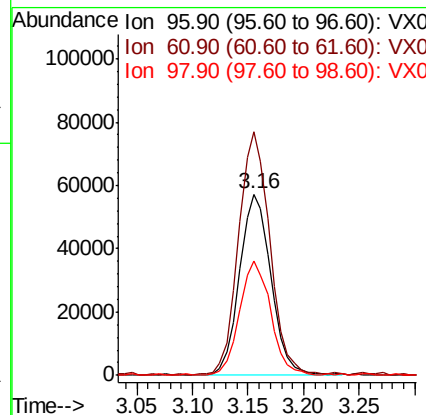
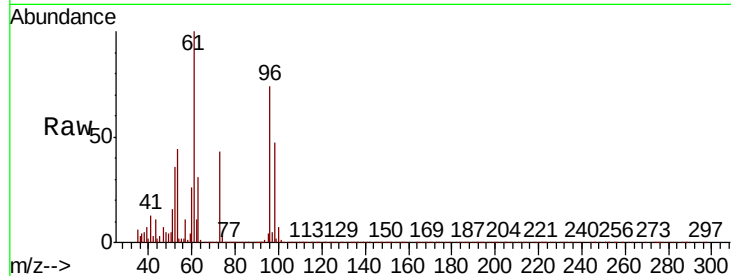
ClientSampleId :

VX1125MBS01

Tot Ion:	96	Resp:	112792
Ion Ratio	Lower	Upper	
96	100		
61	134.0	105.8	158.6
98	62.3	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.007 ug/l

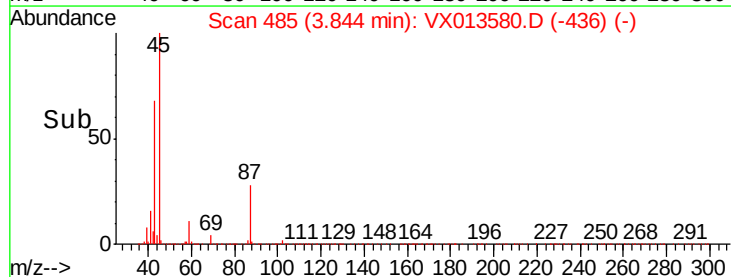
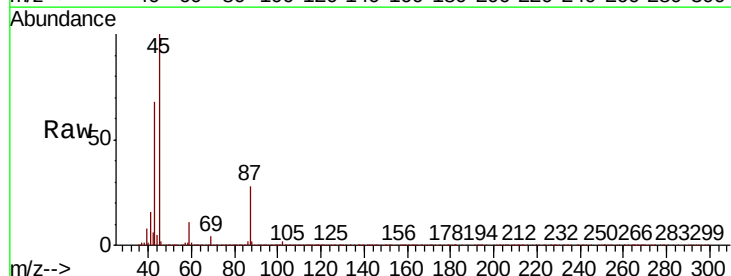
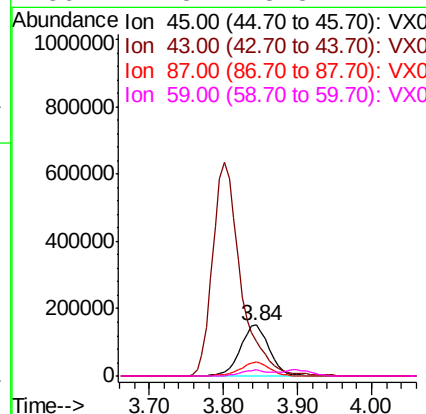
RT: 3.84 min Scan# 485

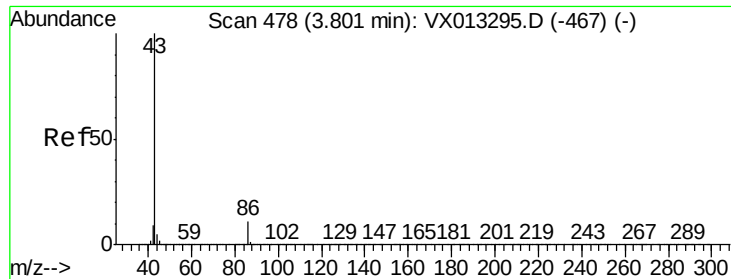
Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Tgt Ion:	45	Resp:	413927
Ion Ratio	Lower	Upper	
45	100		
43	66.9	54.2	81.2
87	27.7	21.8	32.8
59	11.3	8.5	12.7





#23

Vinyl Acetate

Concen: 94.025 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBS01

Tot Ion: 43 Resp: 1664560

Ion Ratio Lower Upper

43 100

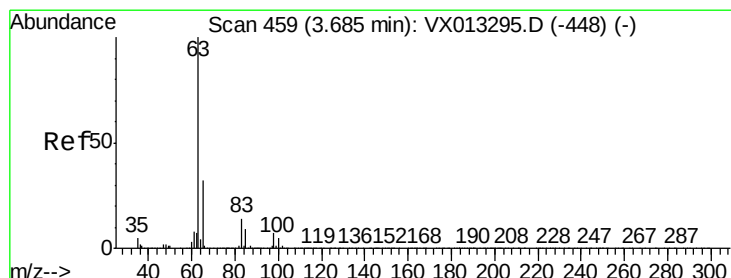
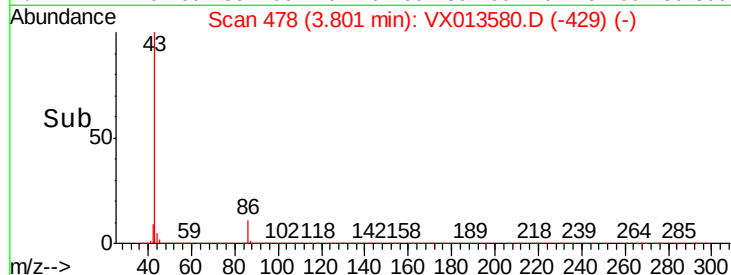
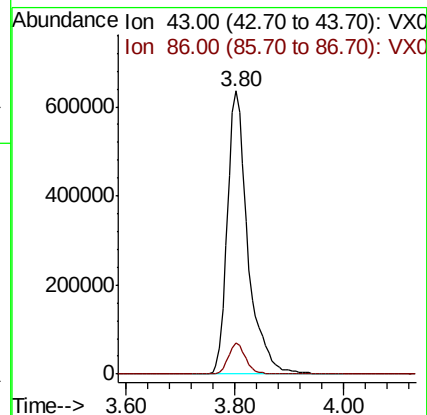
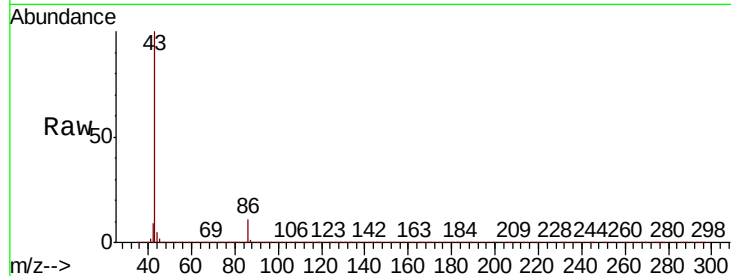
86 11.1 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.672 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

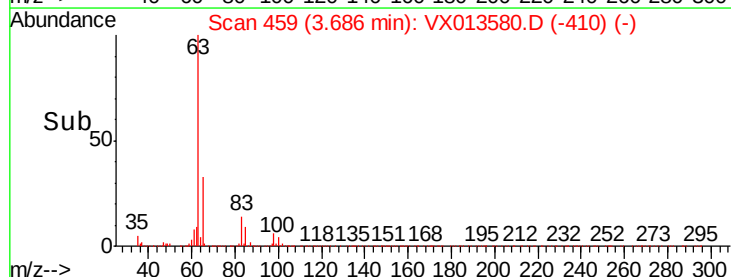
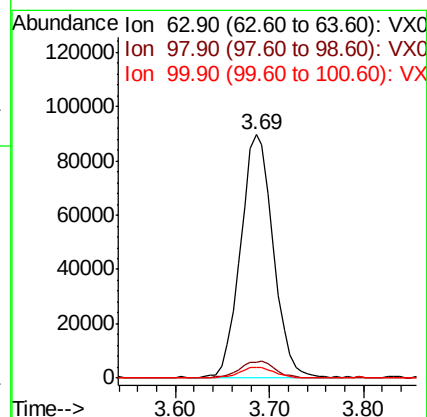
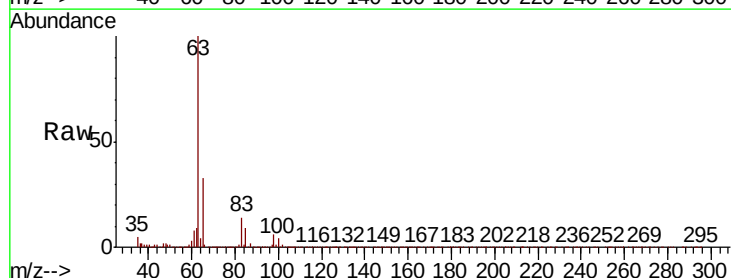
Tgt Ion: 63 Resp: 216101

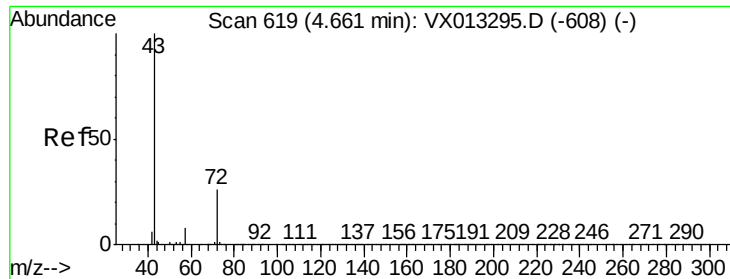
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 93.619 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBS01

Tot Ion: 43 Resp: 521813

Ion Ratio Lower Upper

43 100

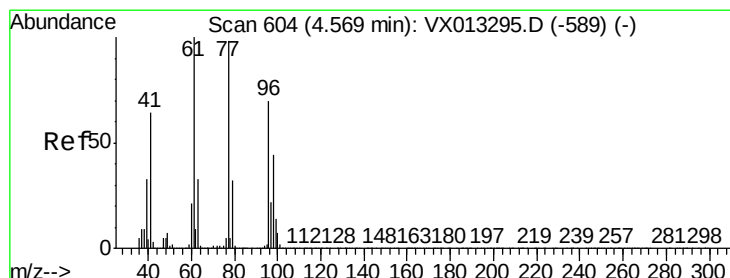
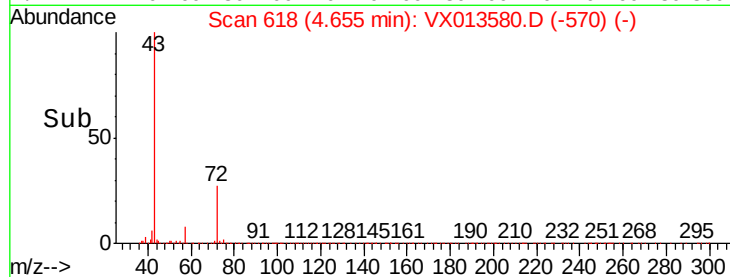
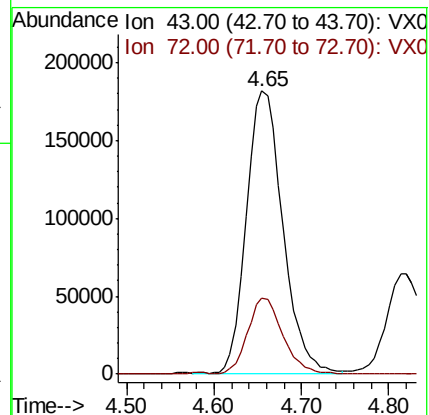
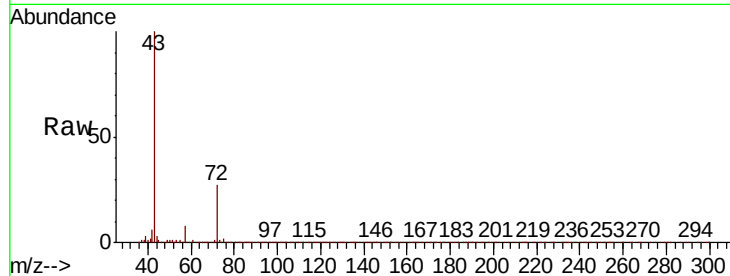
72 26.5 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.891 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013580.D

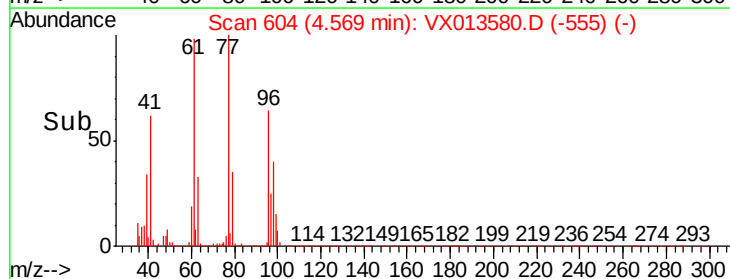
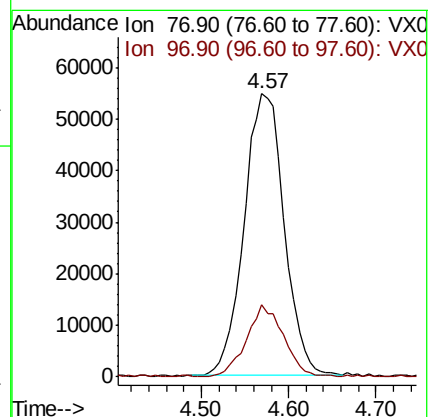
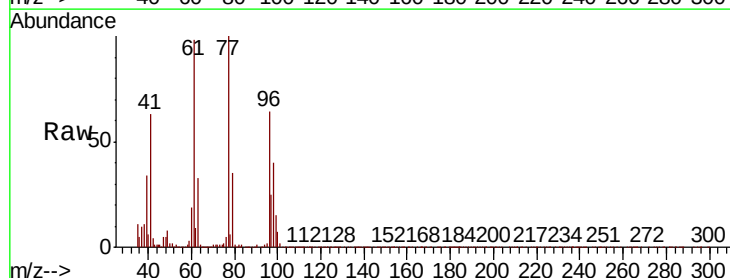
Acq: 25 Nov 2019 14:50

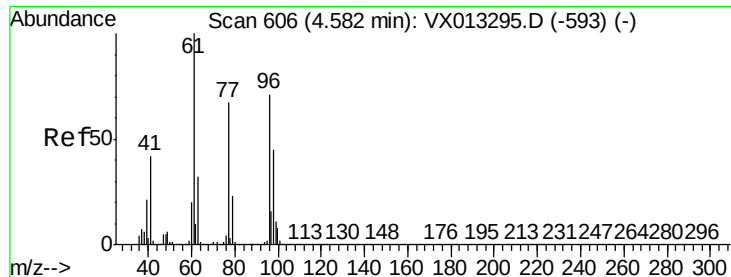
Tgt Ion: 77 Resp: 173925

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.8





#27

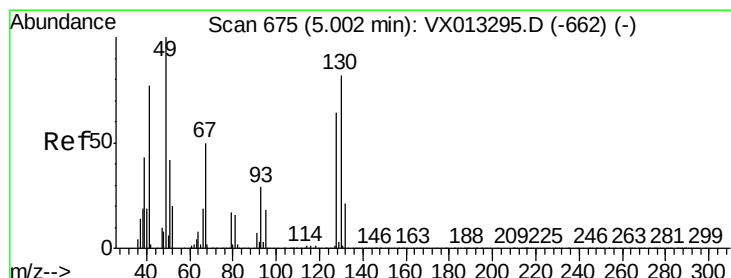
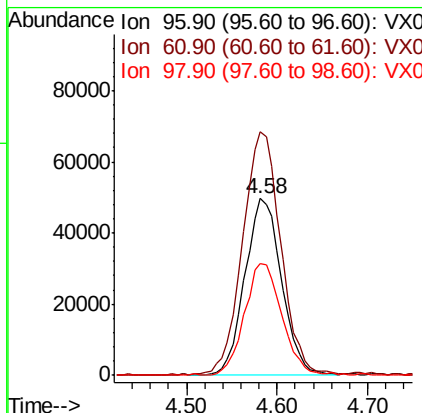
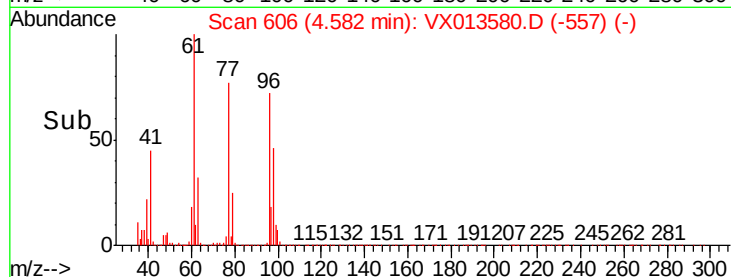
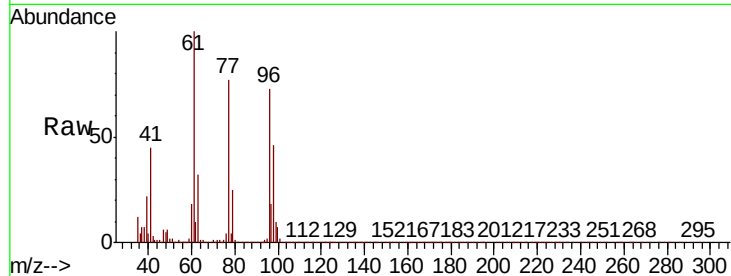
cis-1,2-Dichloroethene
Concen: 19.360 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	139268		
61	141.9	0.0	288.0	
98	63.5	0.0	129.6	

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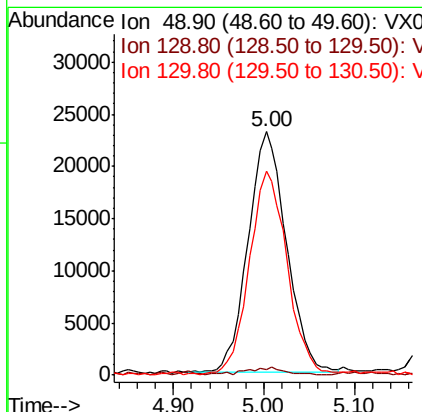
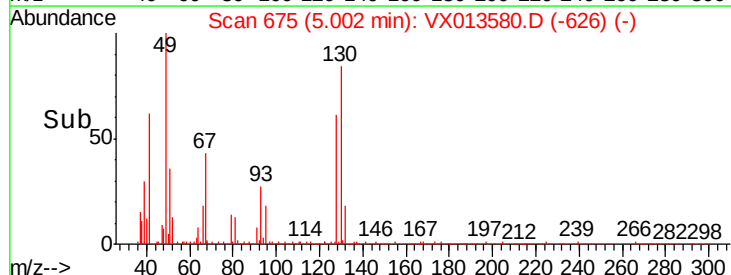
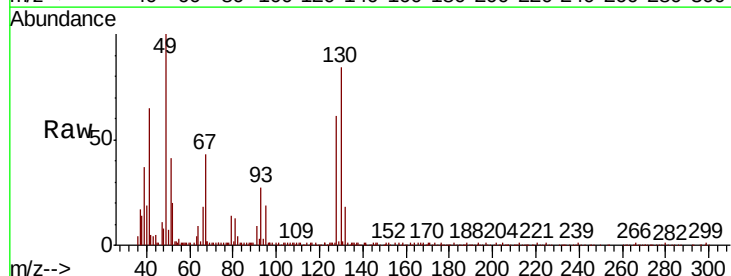
MMDadoda
12/4/2019 11:02:26 AM

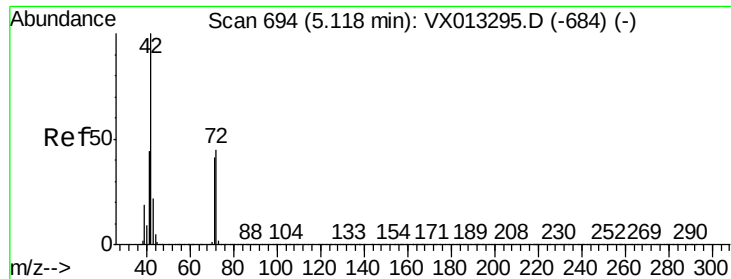


#28

Bromochloromethane
Concen: 20.539 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	67493		
129	3.0	0.0	5.2	
130	82.0	63.8	95.6	





#29

Tetrahydrofuran

Concen: 92.269 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

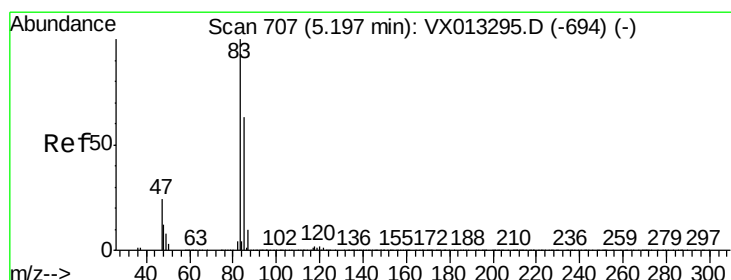
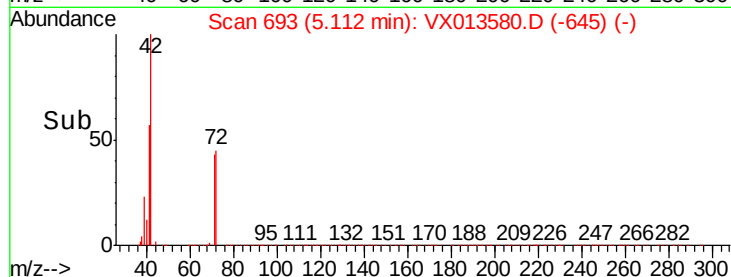
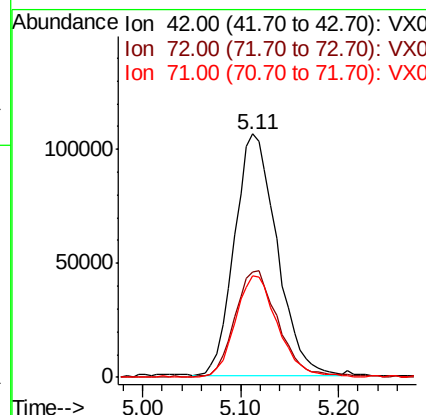
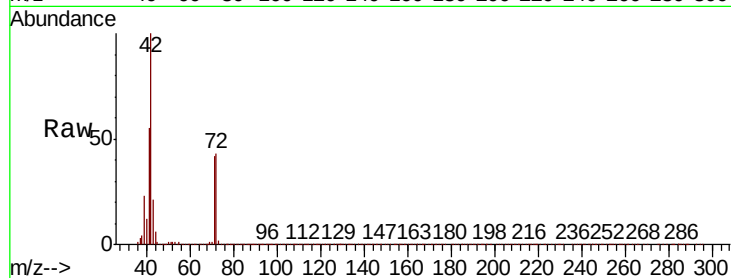
ClientSampleId :

VX1125MBS01

Tot Ion:	42	Resp:	316924
Ion Ratio		Lower	Upper
42	100		
72	45.3	35.8	53.8
71	42.5	33.4	50.0

Manual Integrations
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#30

Chloroform

Concen: 18.994 ug/l

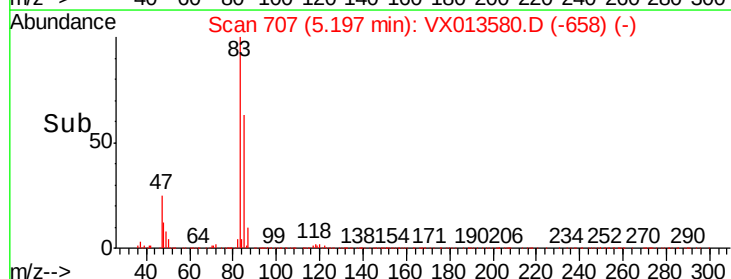
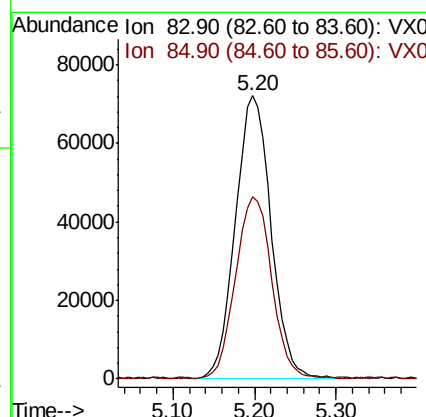
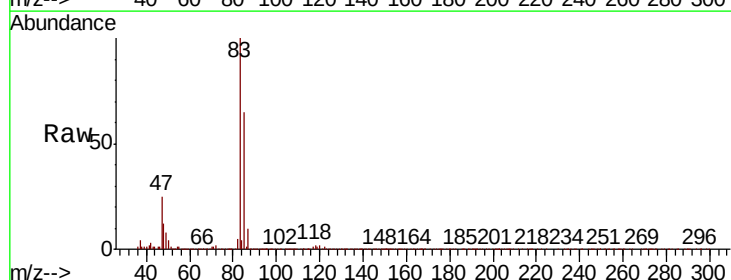
RT: 5.20 min Scan# 707

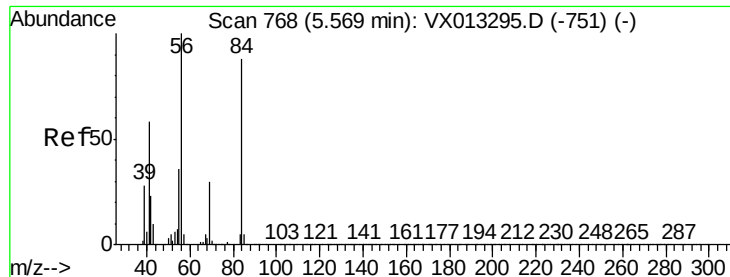
Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Tgt Ion:	83	Resp:	217067
Ion Ratio		Lower	Upper
83	100		
85	64.5	50.2	75.4





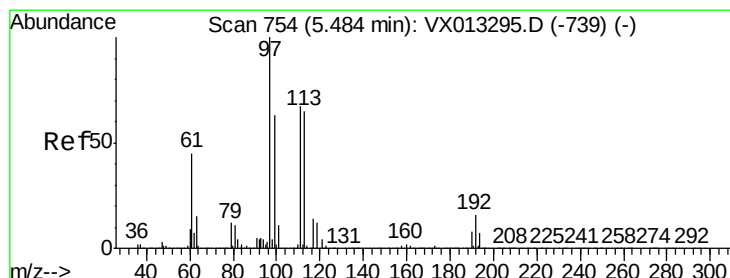
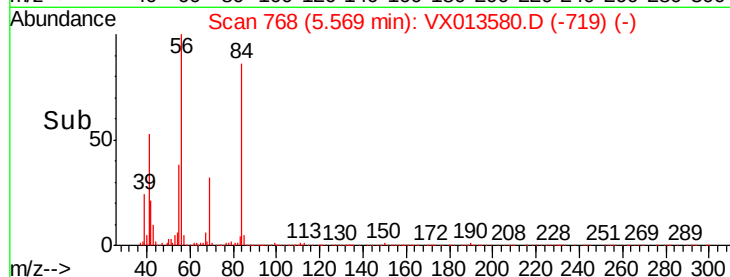
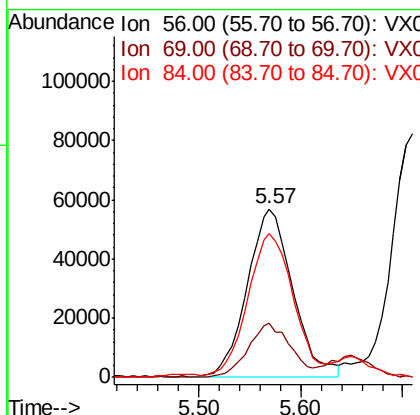
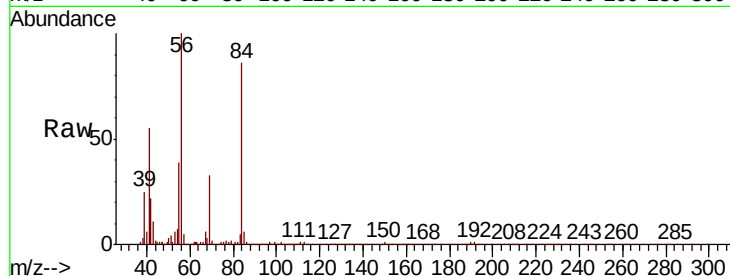
#31
Cyclohexane
Concen: 16.850 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	23.7	35.5
84	84.5	70.6	105.8

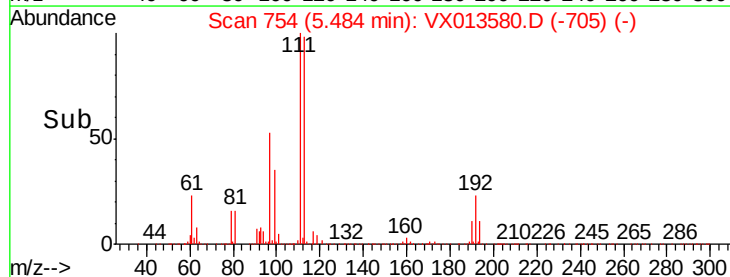
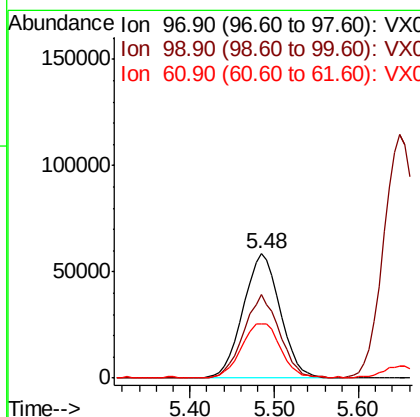
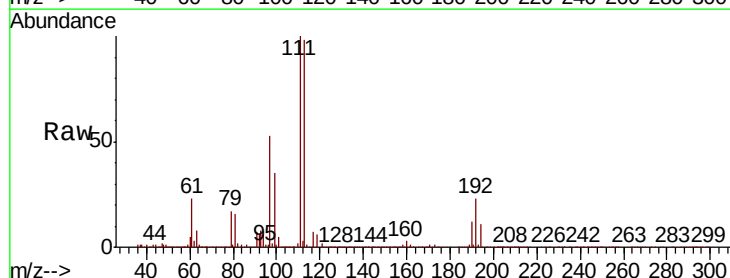
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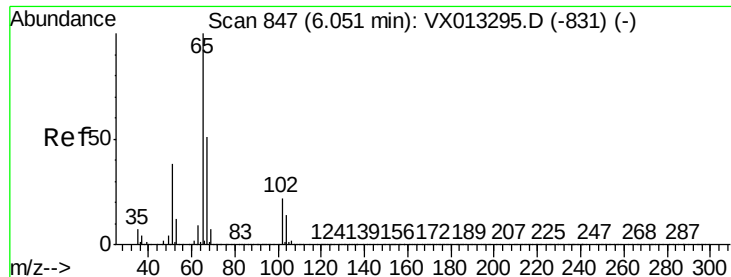
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.706 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	46.0	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 49.178 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBS01

Tot Ion: 65 Resp: 374600

Ion Ratio Lower Upper

65 100

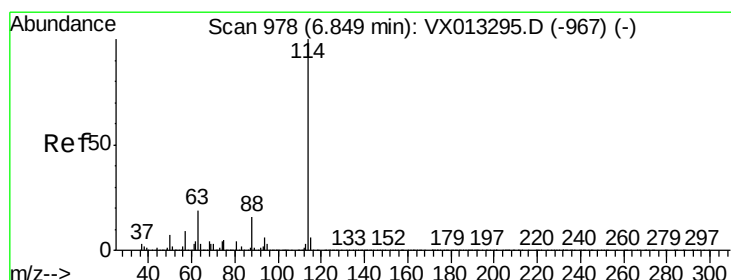
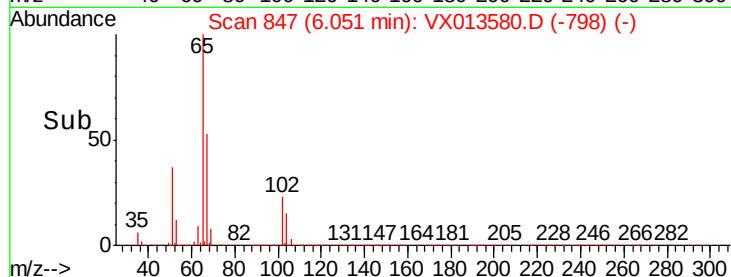
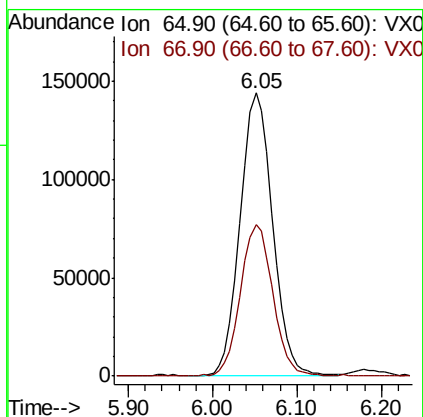
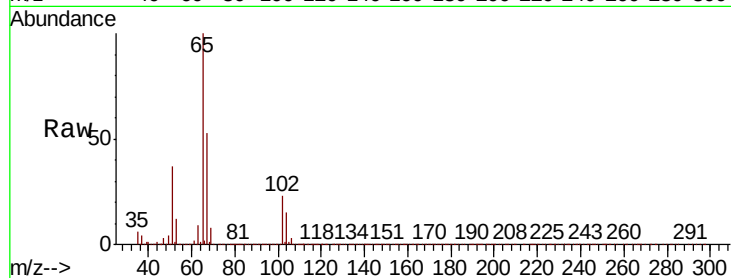
67 53.0 0.0 104.2

Manual Integrations

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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: VX013580.D

Acq: 25 Nov 2019 14:50

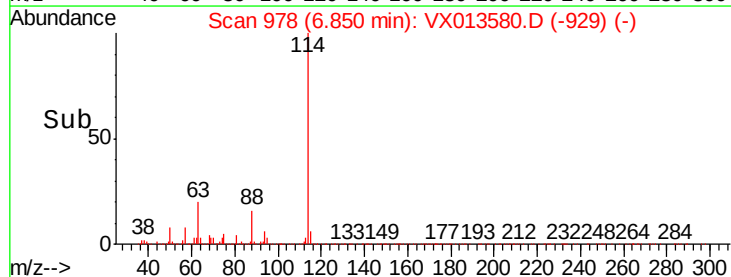
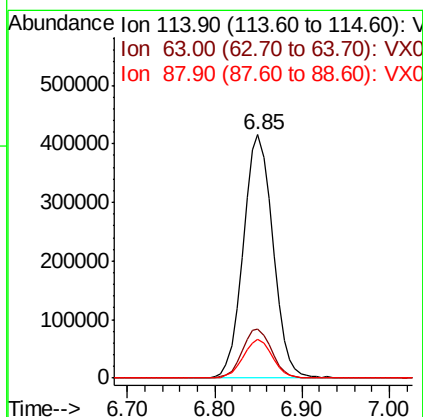
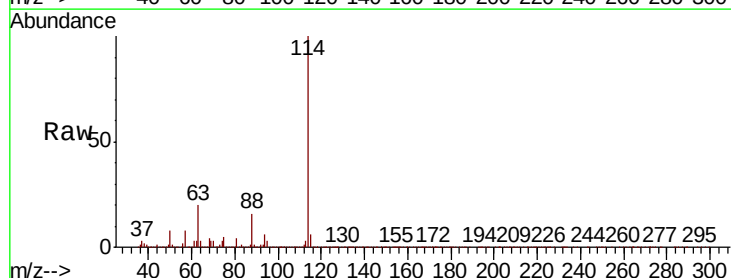
Tgt Ion: 114 Resp: 978966

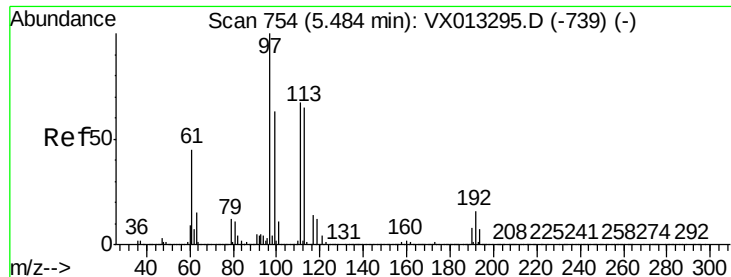
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

88 15.7 0.0 32.2





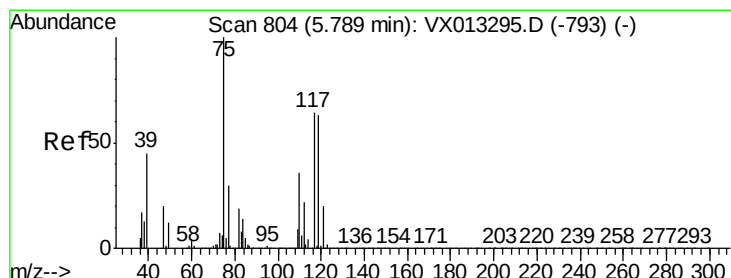
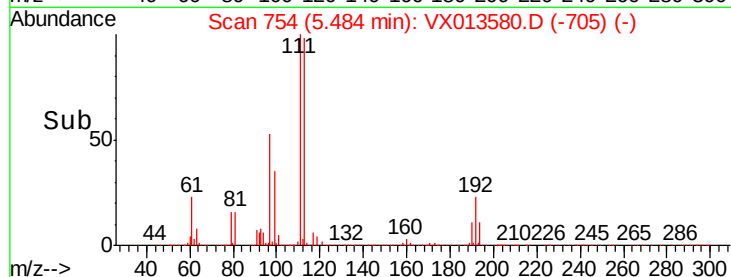
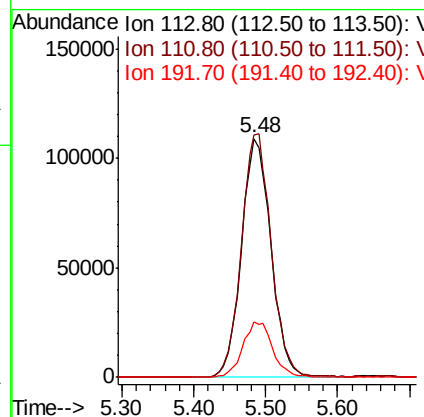
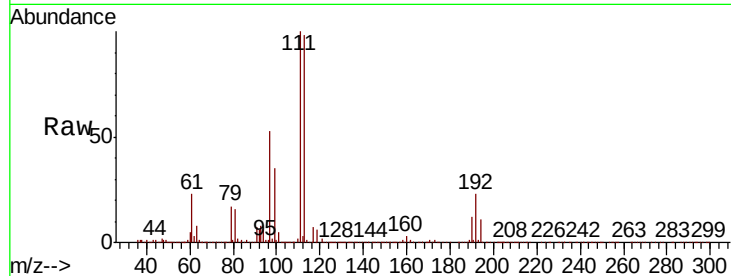
#35
Dibromofluoromethane
Concen: 50.275 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.1	81.9	122.9	
192	23.3	19.1	28.7	

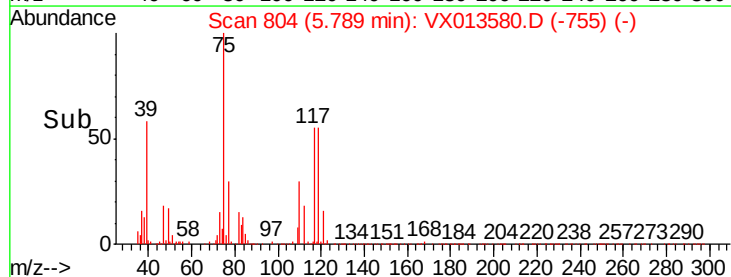
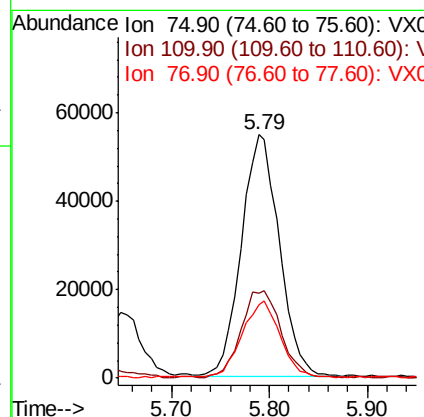
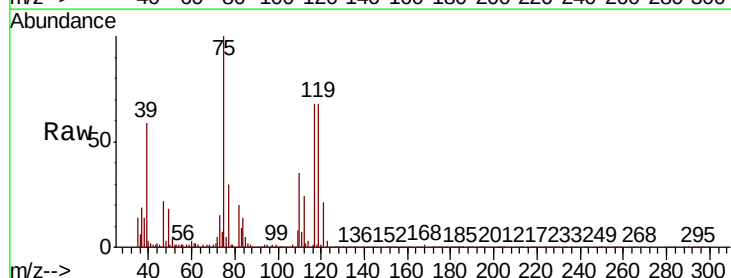
Manual Integrations
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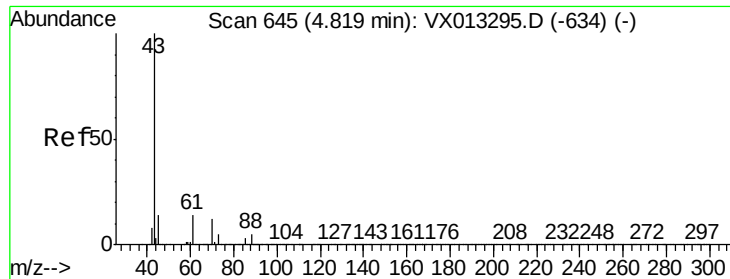
MMDadoda
12/4/2019 11:02:26 AM



#36
1,1-Dichloropropene
Concen: 17.522 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.6	18.1	54.1	
77	31.7	25.0	37.4	





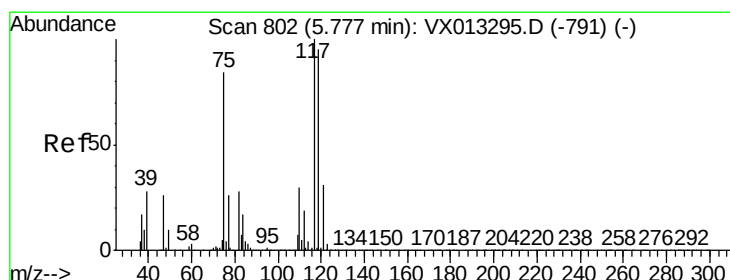
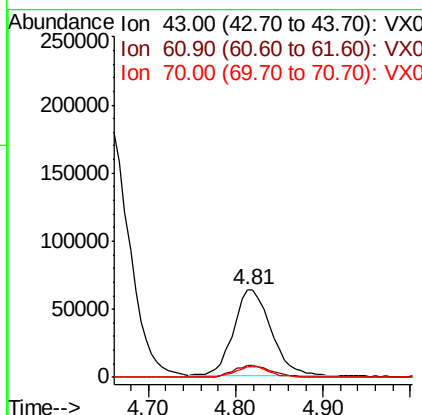
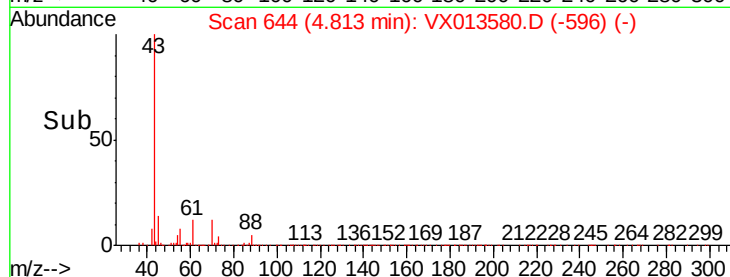
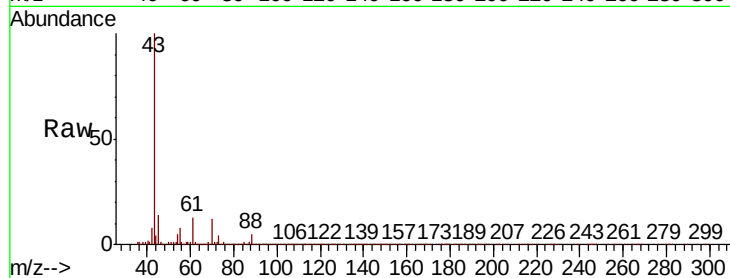
#37
Ethyl Acetate
Concen: 18.447 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	43	Resp	191438
Ion Ratio	Lower	Upper	
43	100		
61	12.9	10.7	16.1
70	10.9	8.7	13.1

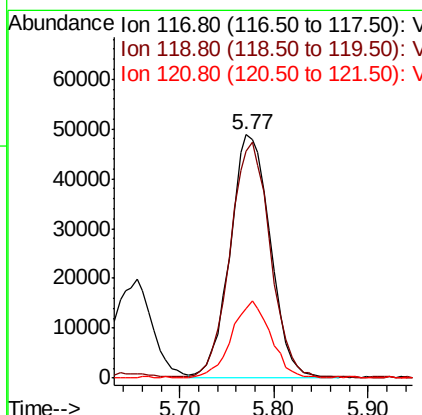
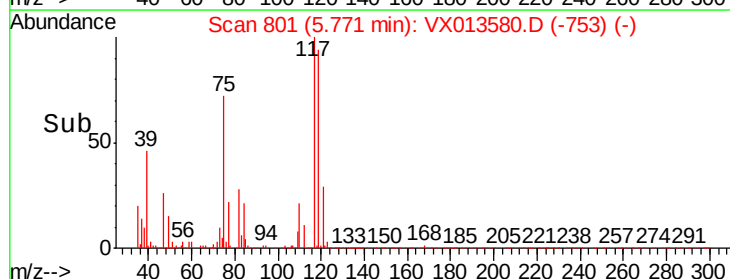
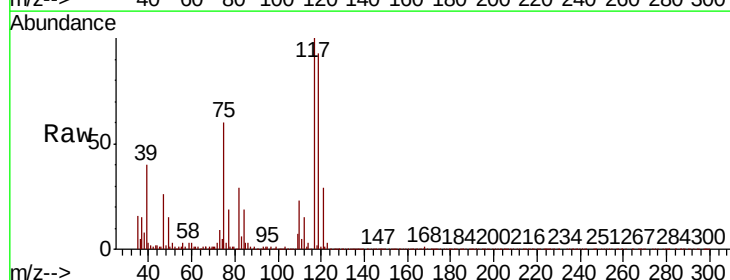
Manual Integrations
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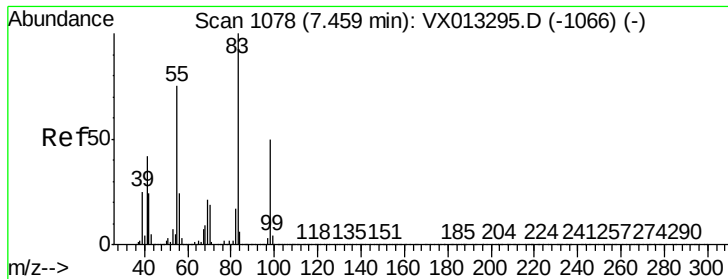
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#38
Carbon Tetrachloride
Concen: 17.562 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	117	Resp	144230
Ion Ratio	Lower	Upper	
117	100		
119	92.7	76.1	114.1
121	28.2	24.6	37.0





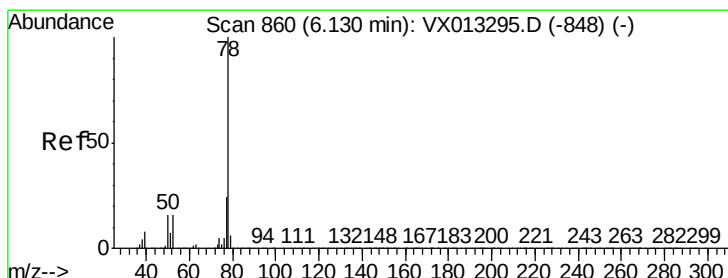
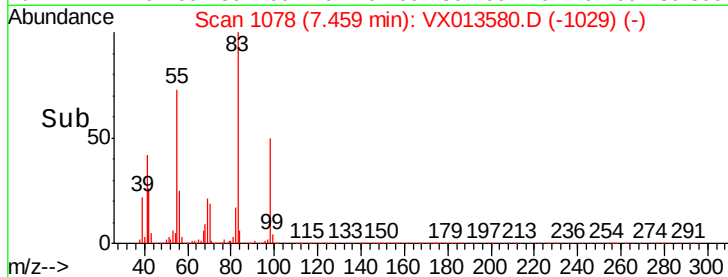
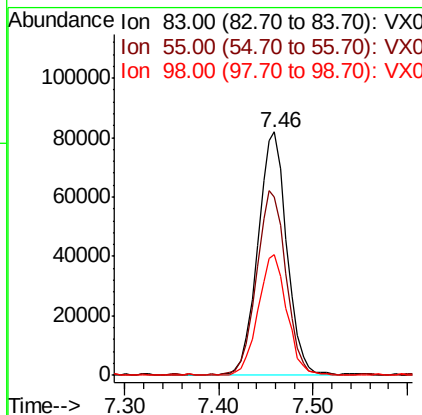
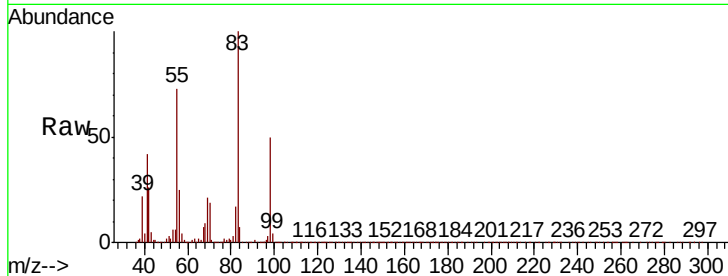
#39
Methylvlcyclohexane
Concen: 16.957 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	60.3	90.5
98	49.3	40.3	60.5

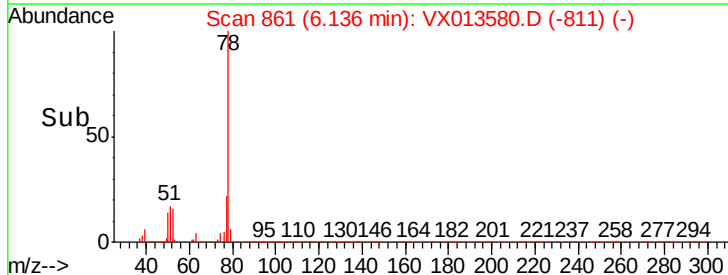
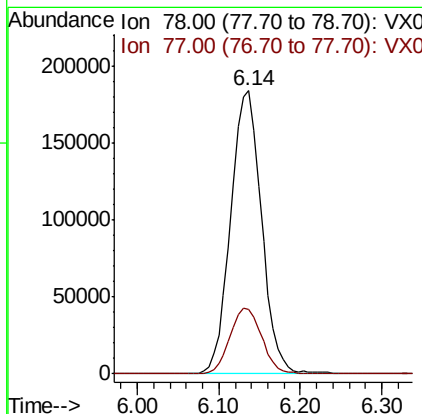
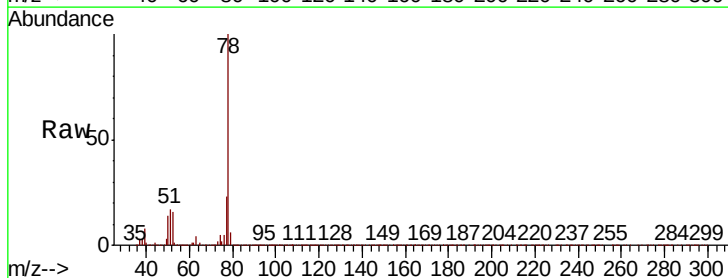
Manual Integrations
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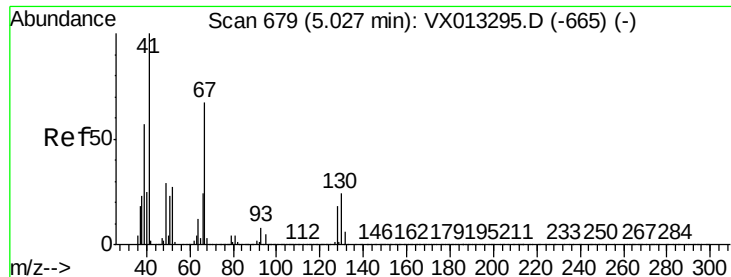
MMDadoda
12/4/2019 11:02:26 AM



#40
Benzene
Concen: 18.424 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.5	29.3





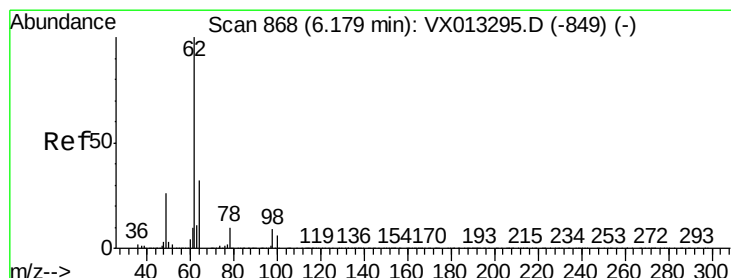
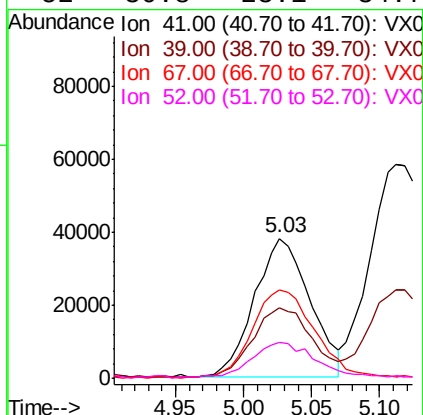
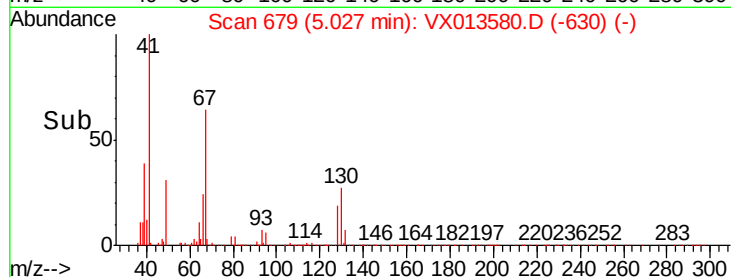
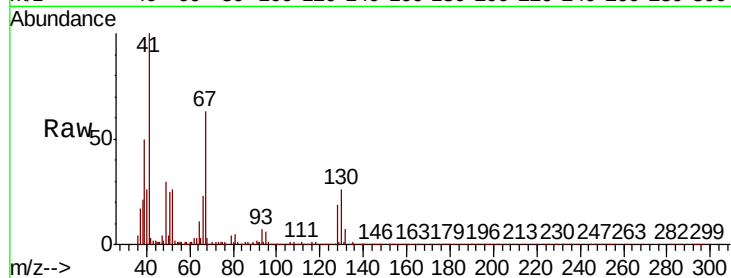
#41
Methacrylonitrile
Concen: 18.670 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		108598		
39	53.0	45.0	67.6		
67	70.6	55.4	83.2		
52	30.8	23.1	34.7		

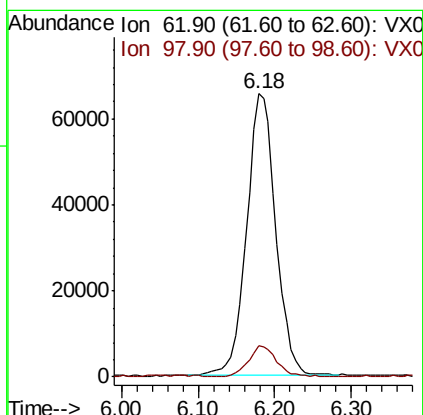
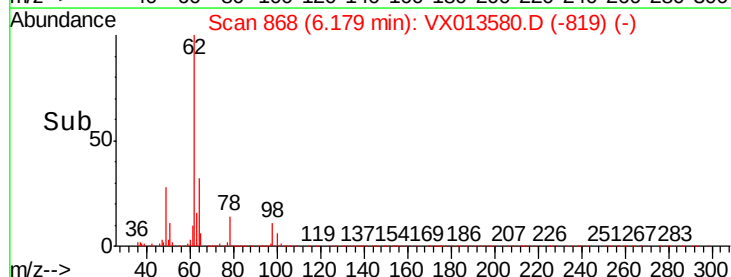
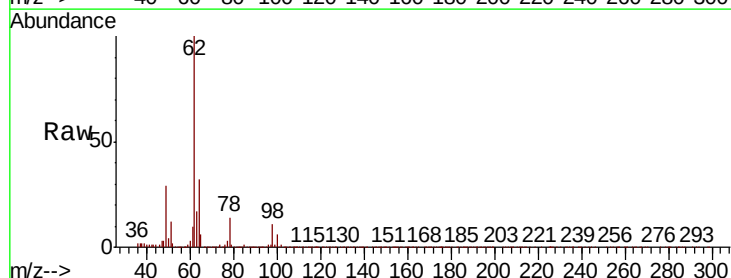
Manual Integrations
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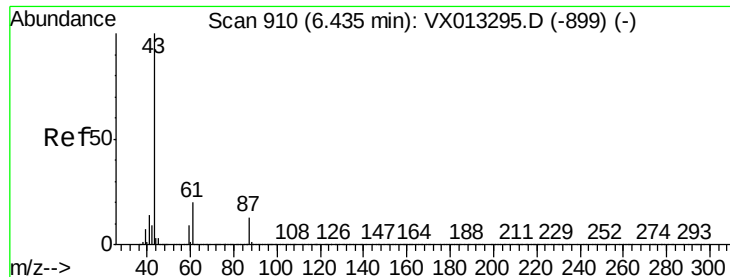
MMDadoda
12/4/2019 11:02:26 AM



#42
1,2-Dichloroethane
Concen: 18.369 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		173332		
98	10.3	0.0	19.4		





#43

Isopropyl Acetate

Concen: 19.069 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

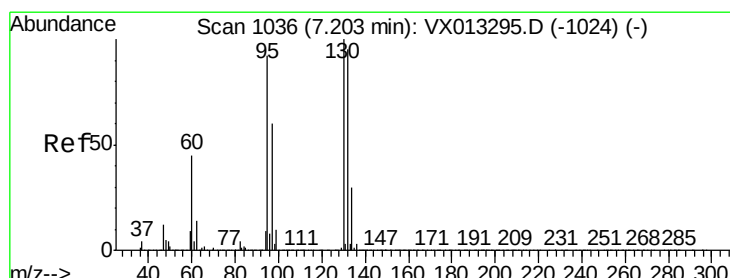
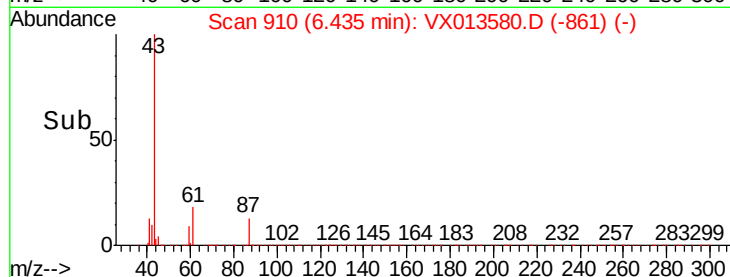
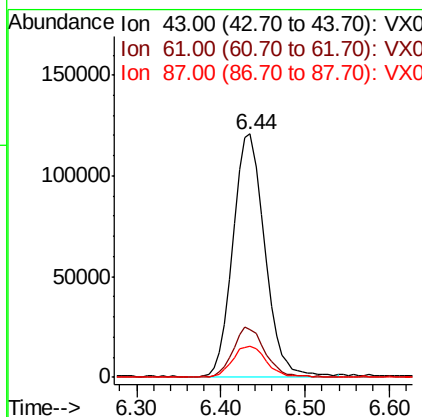
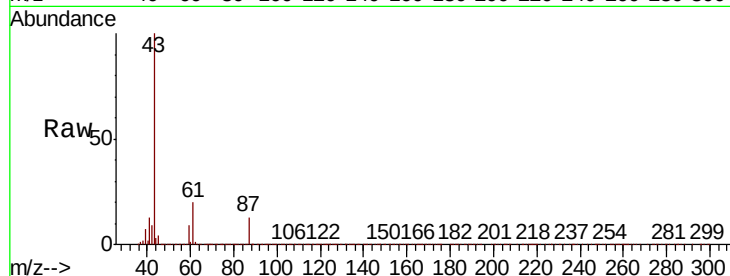
ClientSampleId :

VX1125MBS01

Tot Ion:	43	Resp:	308152
Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.8
87	13.5	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 17.737 ug/l

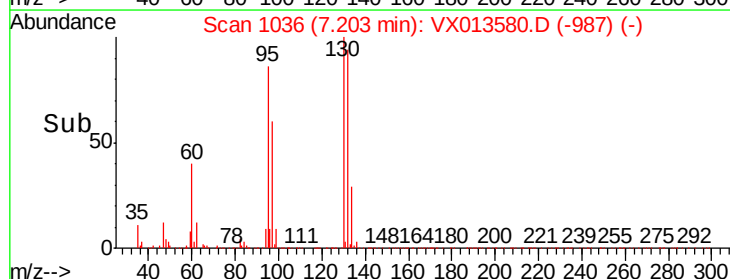
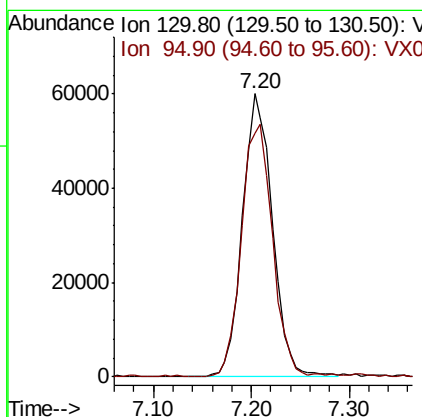
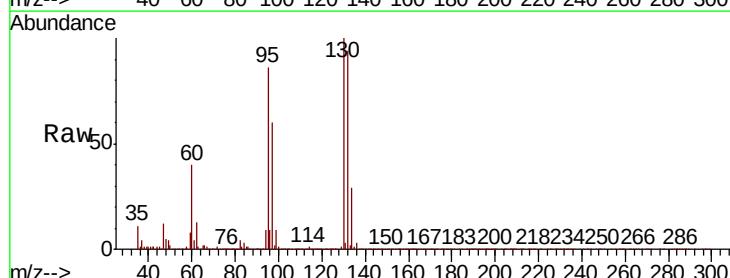
RT: 7.20 min Scan# 1036

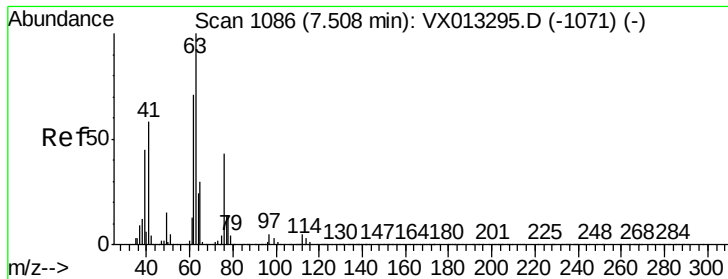
Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Tgt Ion:	130	Resp:	127726
Ion	Ratio	Lower	Upper
130	100		
95	85.7	0.0	184.8





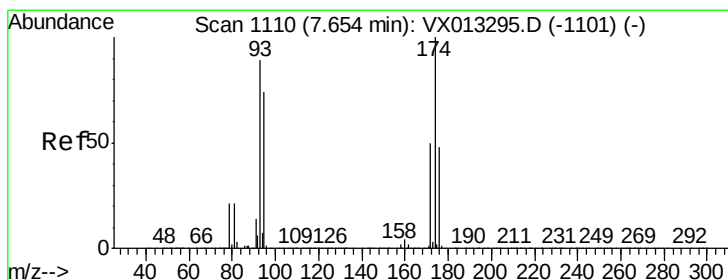
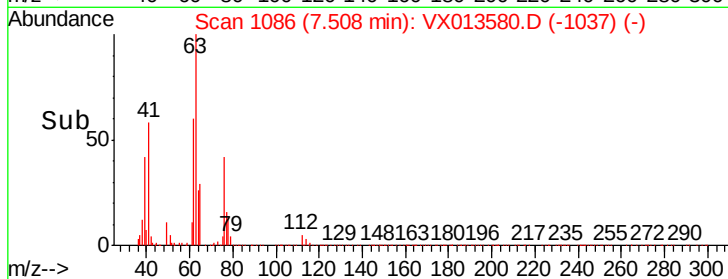
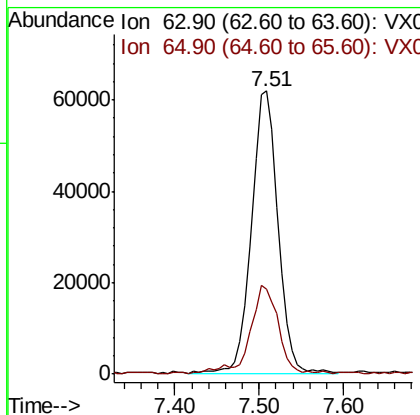
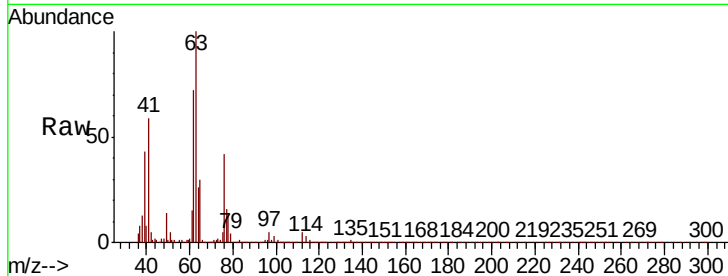
#45
 1,2-Dichloropropane
 Concen: 19.678 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013580.D
 Acq: 25 Nov 2019 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.3	36.5

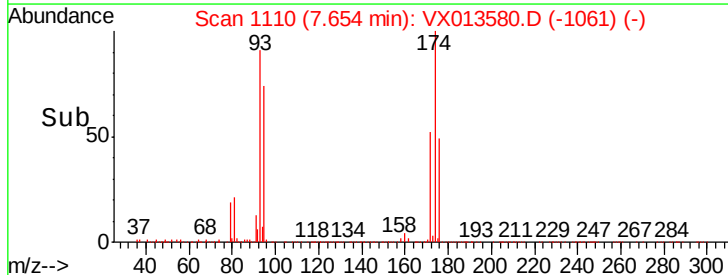
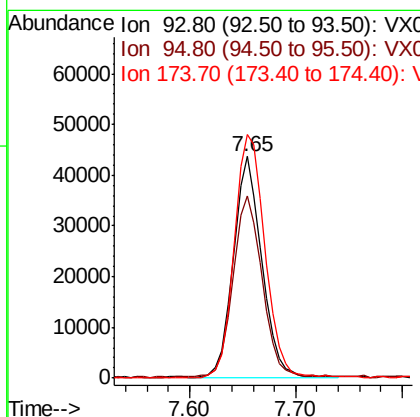
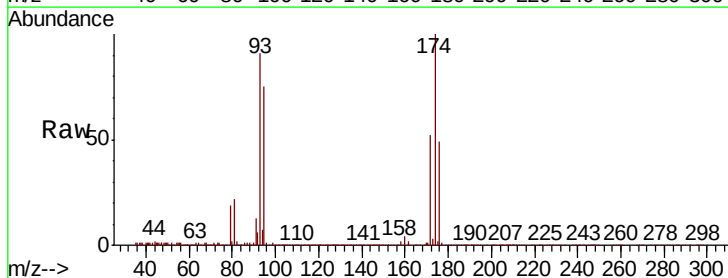
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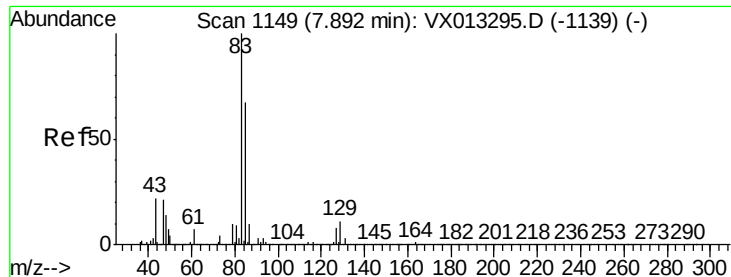
MMDadoda
 12/4/2019 11:02:26 AM



#46
 Dibromomethane
 Concen: 18.207 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013580.D
 Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.8	98.6
174	117.3	90.4	135.6





#47

Bromodichloromethane

Concen: 18.500 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

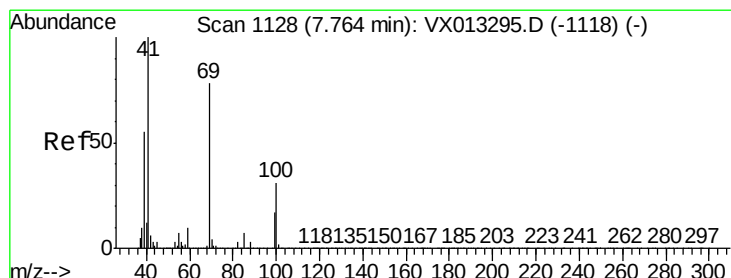
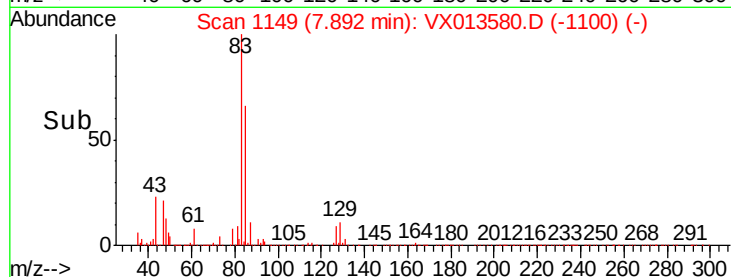
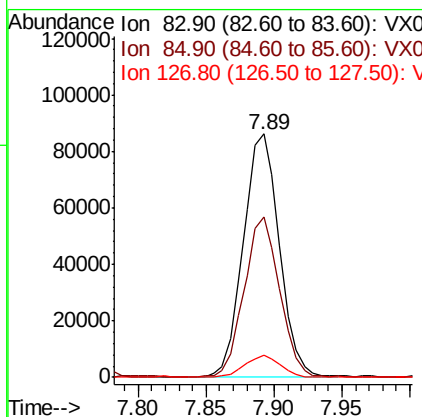
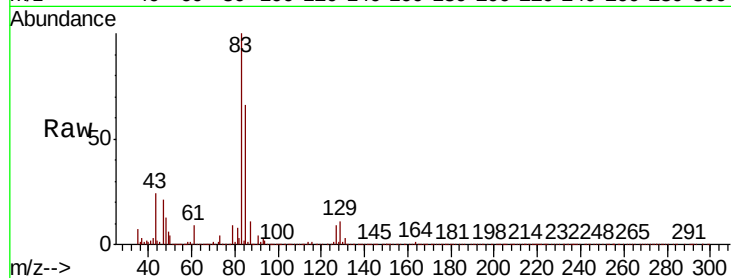
ClientSampleId :

VX1125MBS01

Tot Ion:	83	Resp:	158770
Ion Ratio	Lower	Upper	
83	100		
85	65.7	53.7	80.5
127	9.4	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.808 ug/l

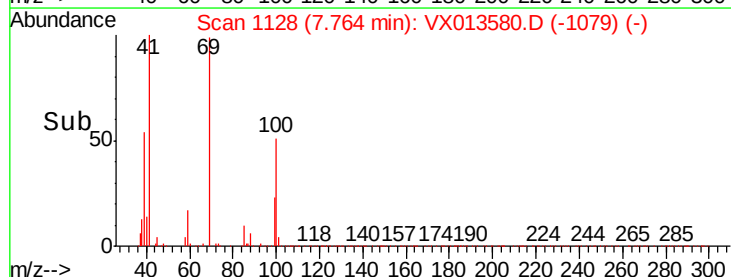
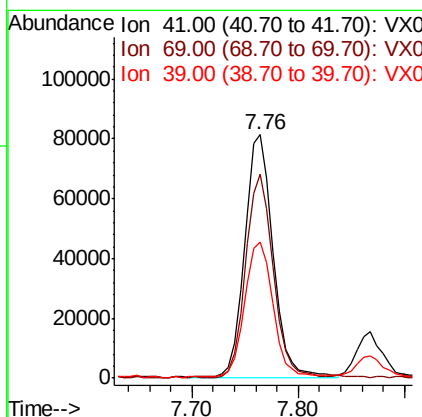
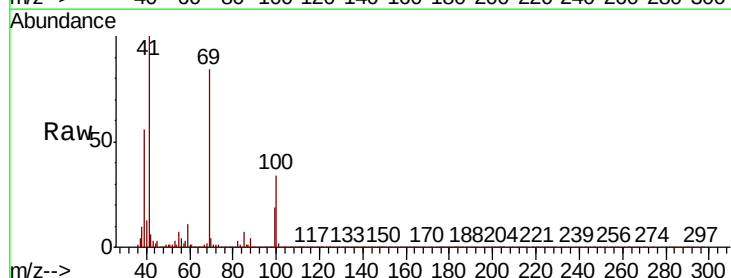
RT: 7.76 min Scan# 1128

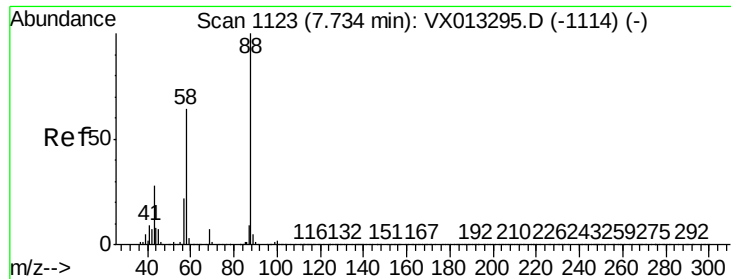
Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Tgt Ion:	41	Resp:	151716
Ion Ratio	Lower	Upper	
41	100		
69	83.3	63.0	94.6
39	55.9	45.9	68.9





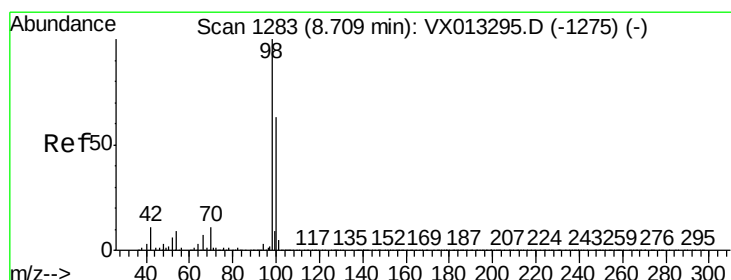
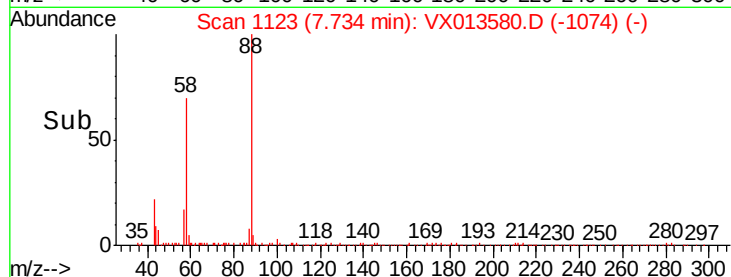
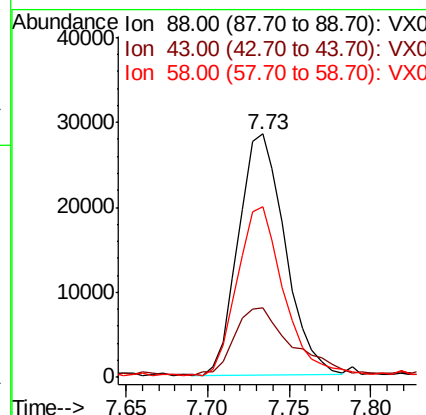
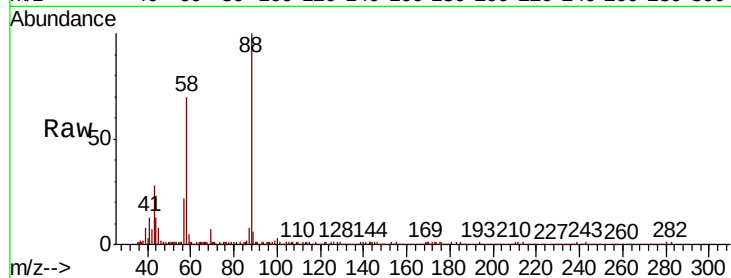
#49
1,4-Dioxane
Concen: 306.888 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	26.6	39.8
58	70.4	55.0	82.6

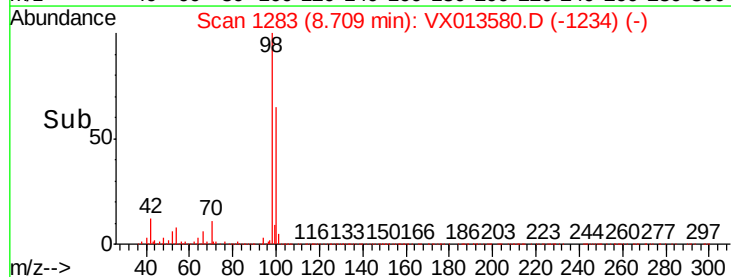
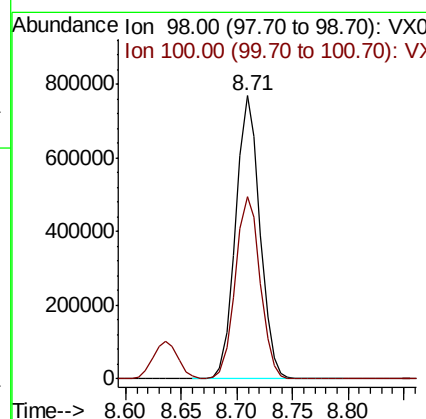
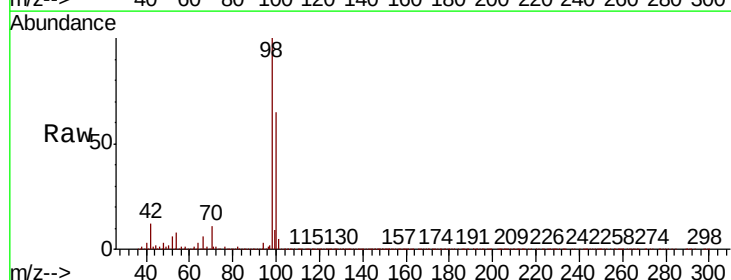
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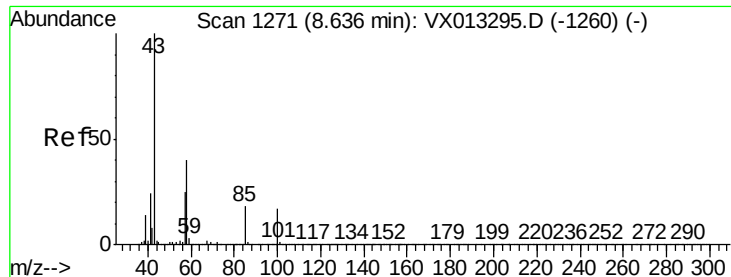
MMDadoda
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#50
Toluene-d8
Concen: 50.110 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 93.802 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Tot Ion: 43 Resp: 994501

Ion Ratio Lower Upper

43 100

58 40.6 31.4 47.0

Instrument :

MSVOA_X

ClientSampleId :

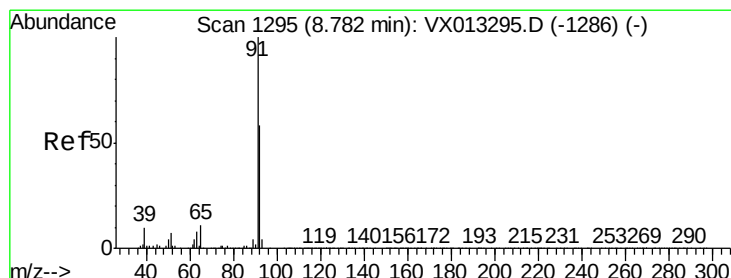
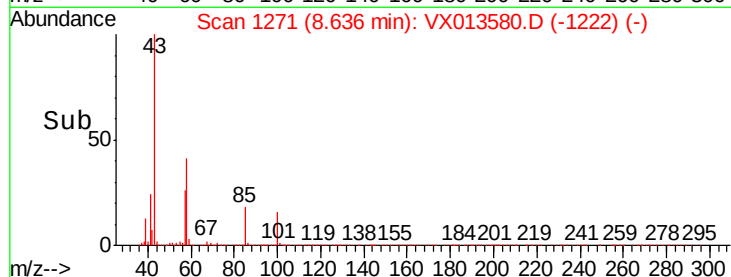
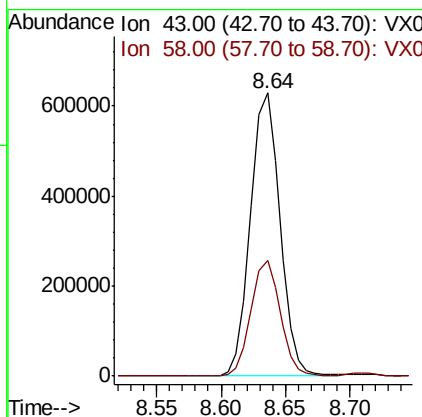
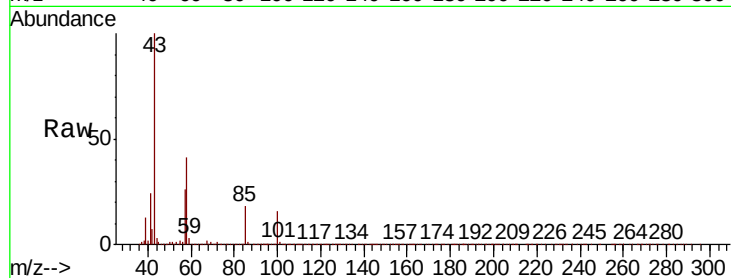
VX1125MBS01

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#52

Toluene

Concen: 18.552 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013580.D

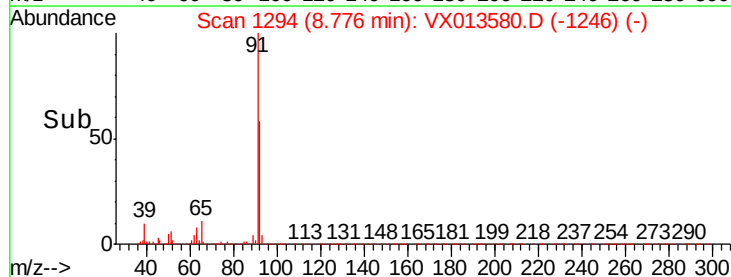
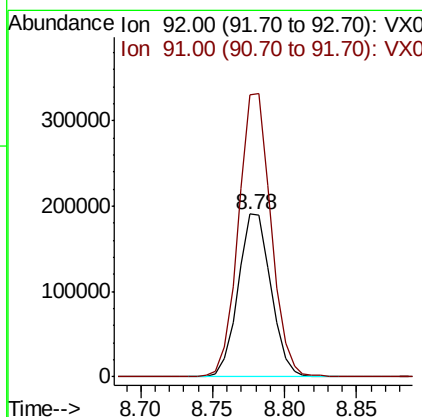
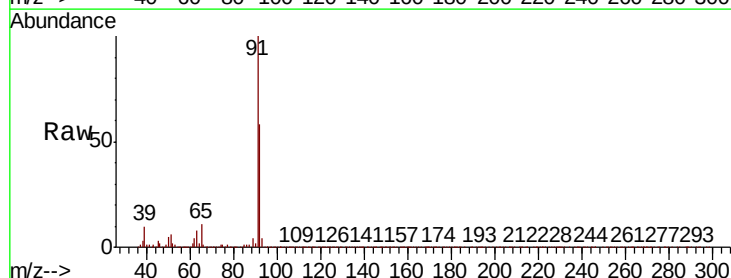
Acq: 25 Nov 2019 14:50

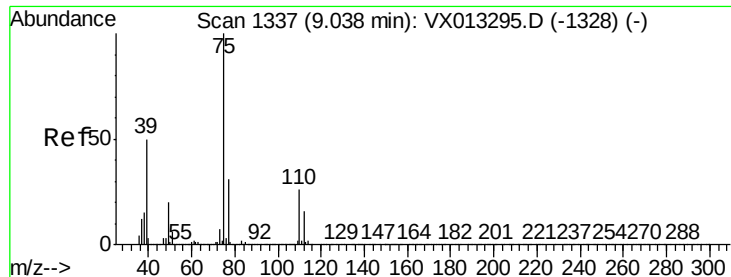
Tgt Ion: 92 Resp: 300803

Ion Ratio Lower Upper

92 100

91 172.6 138.0 207.0





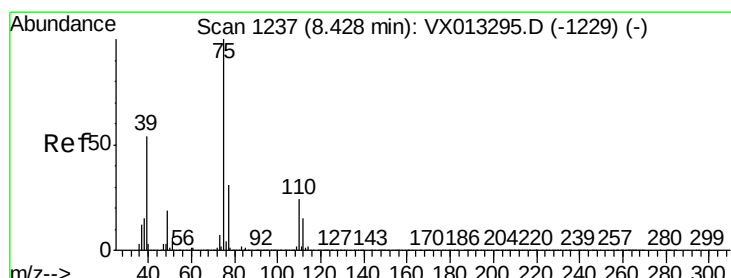
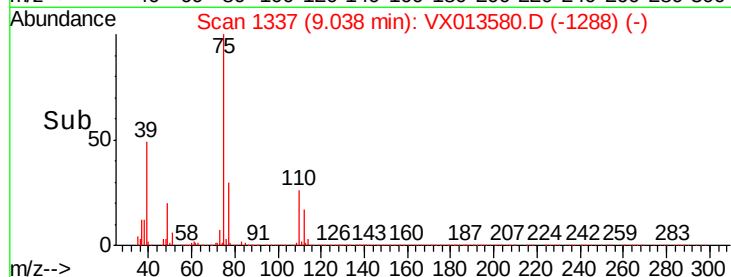
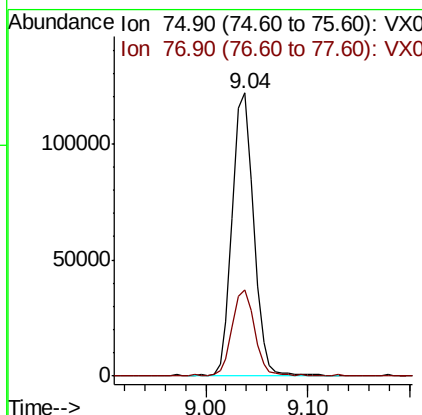
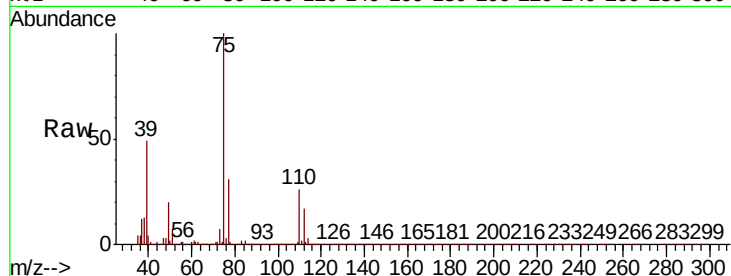
#53
t-1,3-Dichloropropene
Concen: 18.711 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampled :
VX1125MBS01

Tot Ion: 75 Resp: 175592
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.4

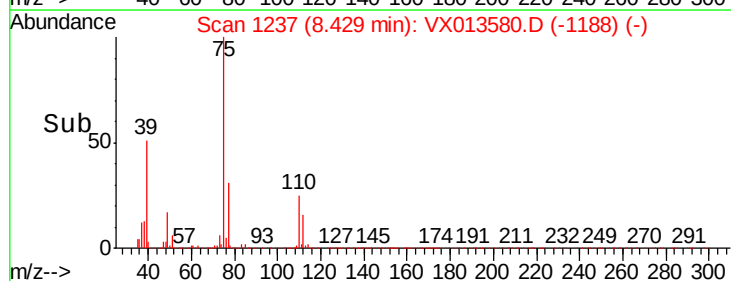
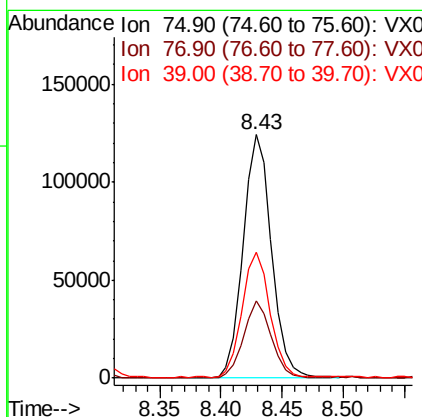
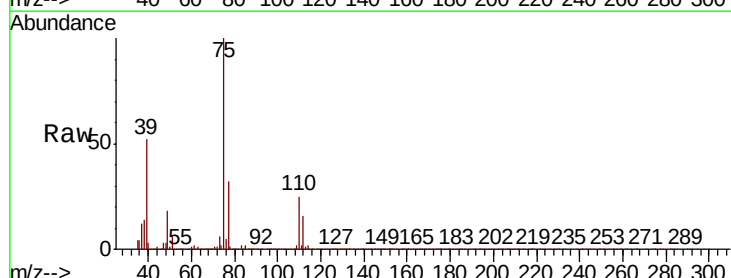
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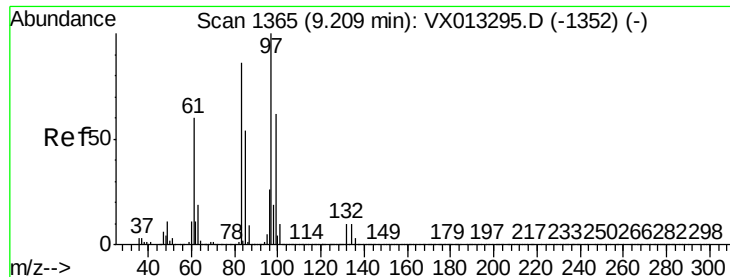
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#54
cis-1,3-Dichloropropene
Concen: 18.928 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion: 75 Resp: 198697
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1
39 51.6 43.0 64.6





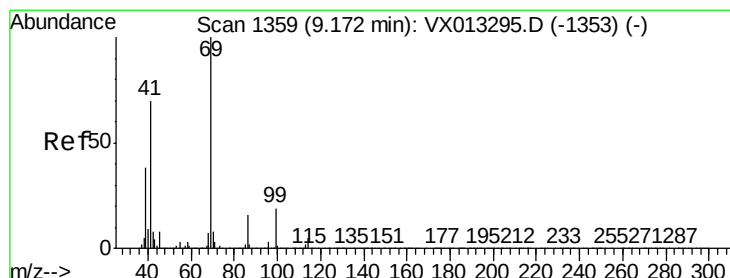
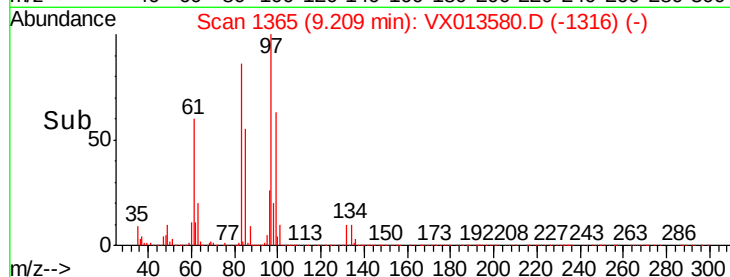
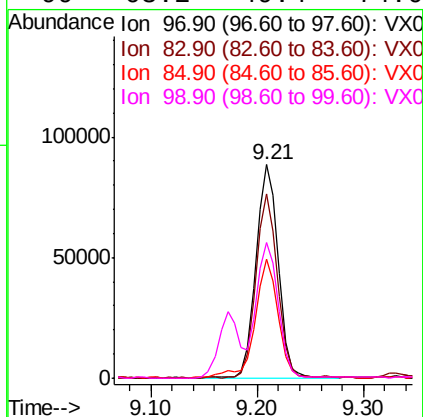
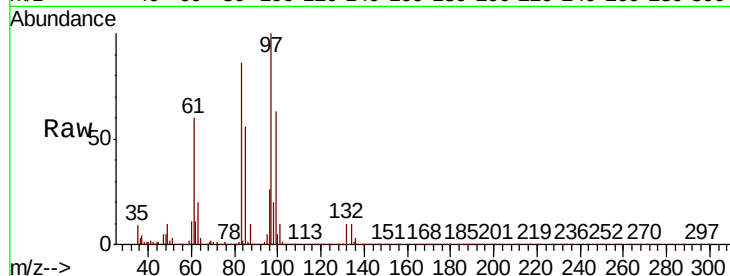
#55
 1,1,2-Trichloroethane
 Concen: 19.421 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013580.D
 Acq: 25 Nov 2019 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		130519		
83	86.1	68.6	103.0		
85	55.5	43.1	64.7		
99	63.2	49.4	74.0		

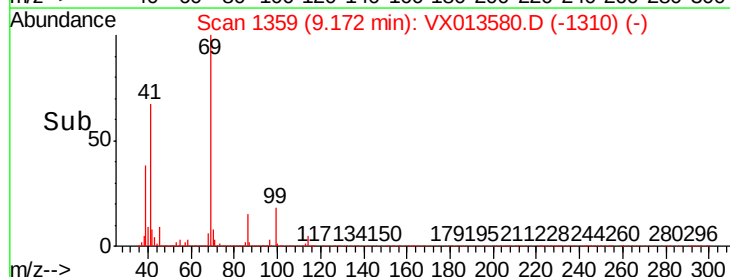
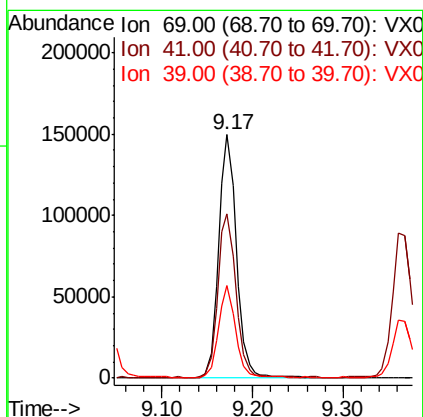
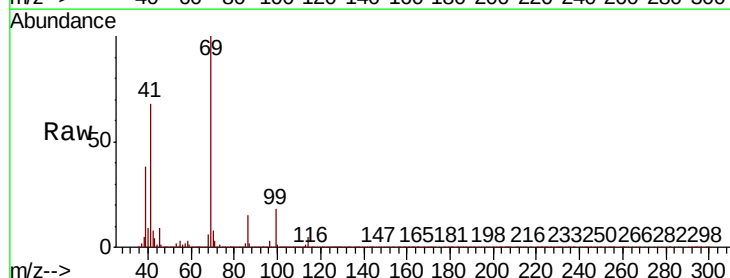
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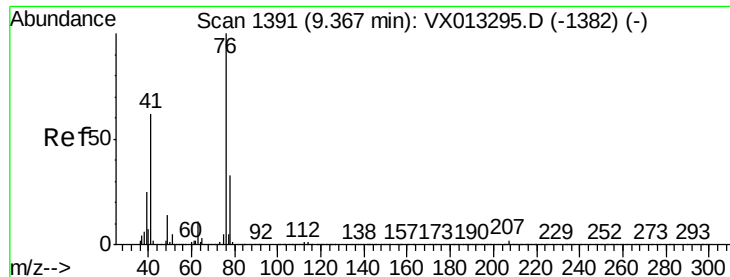
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#56
 Ethyl methacrylate
 Concen: 18.825 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013580.D
 Acq: 25 Nov 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		204445		
41	68.5	56.2	84.2		
39	36.4	31.1	46.7		





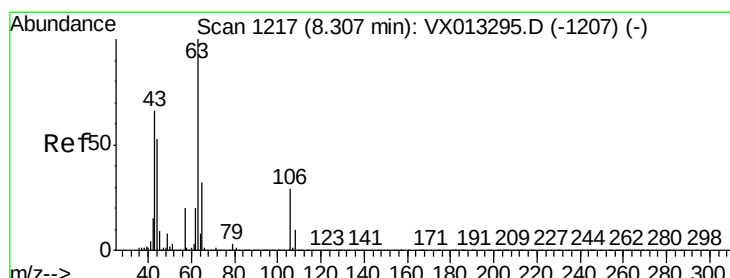
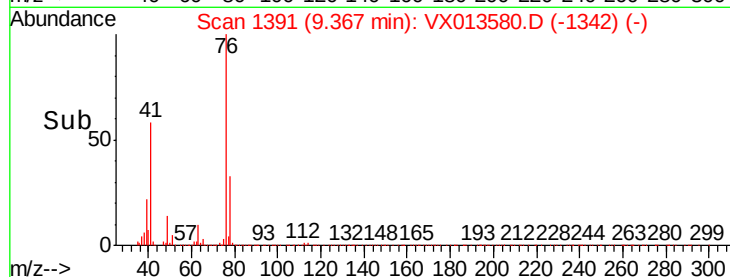
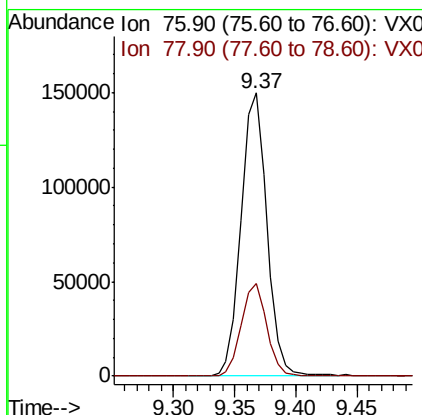
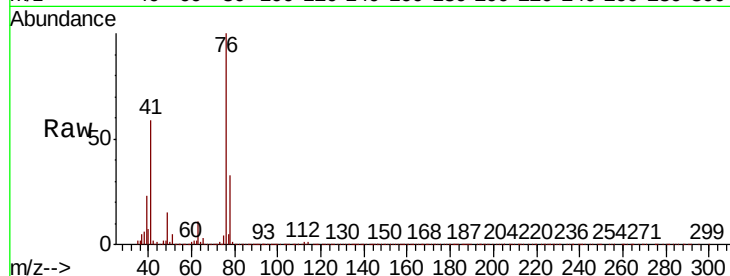
#57
 1,3-Dichloropropane
 Concen: 19.276 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013580.D
 Acq: 25 Nov 2019 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

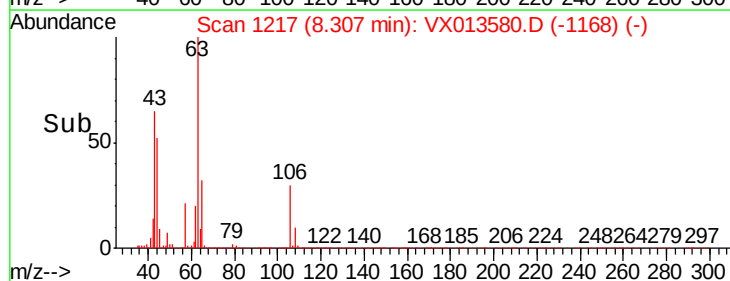
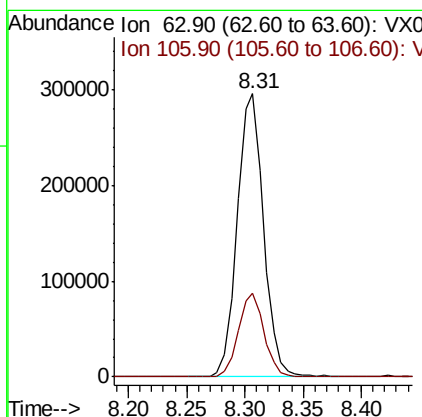
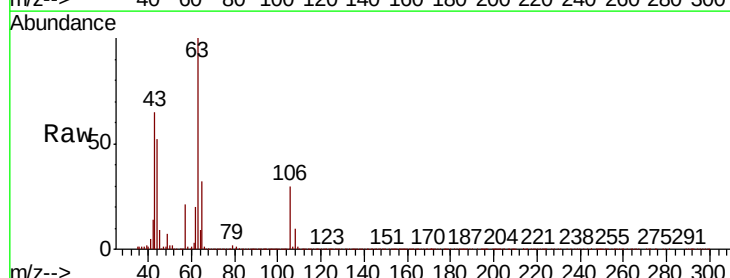
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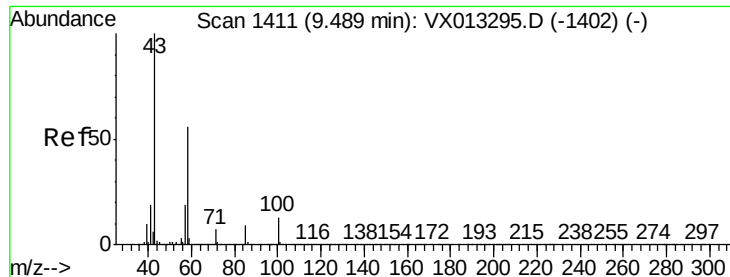
MMDadoda
 12/4/2019 11:02:26 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.255 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013580.D
 Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.4	35.2





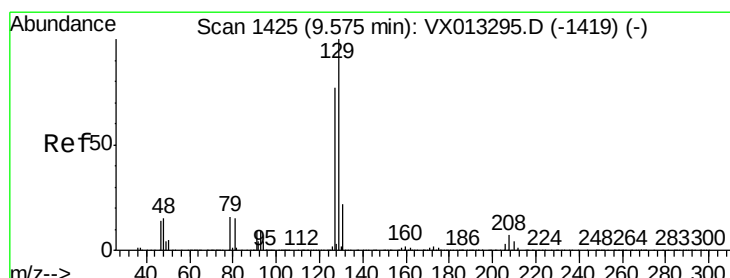
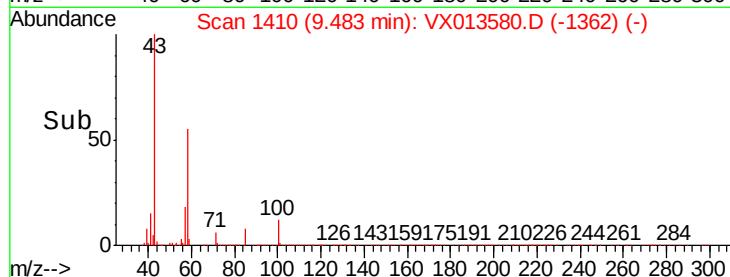
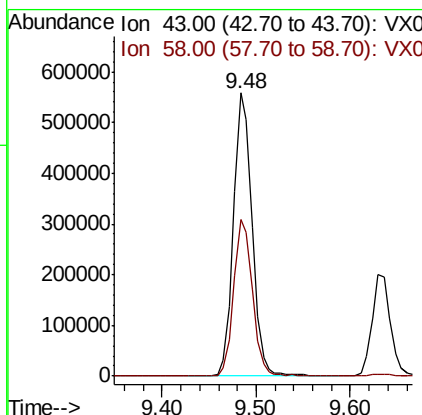
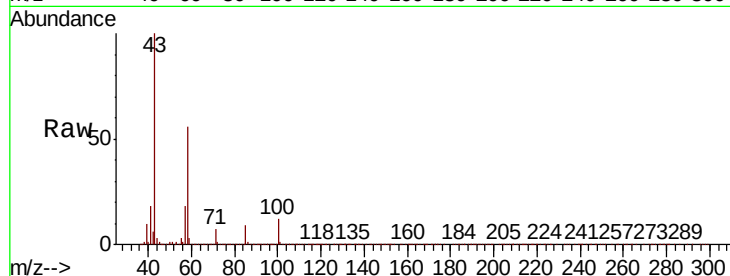
#59
2-Hexanone
Concen: 93.504 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion: 43 Resp: 766085
Ion Ratio Lower Upper
43 100
58 55.7 27.3 81.8

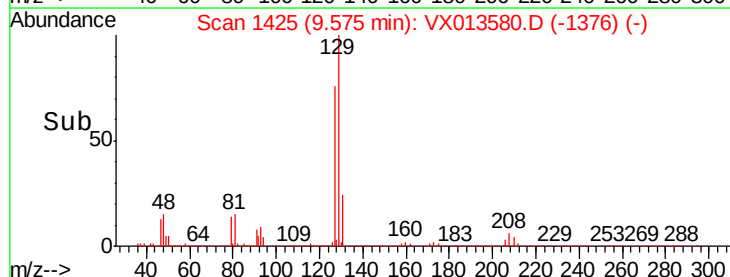
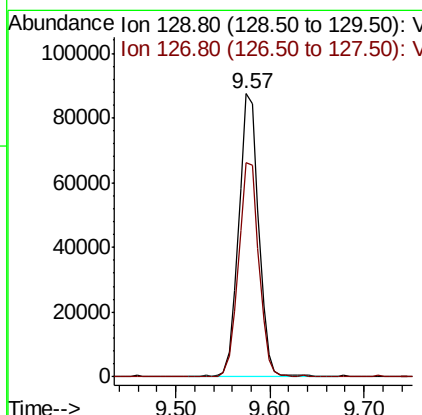
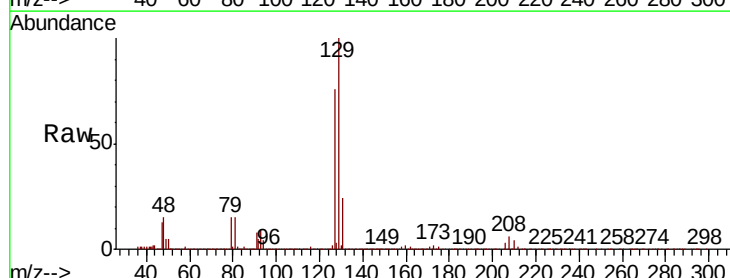
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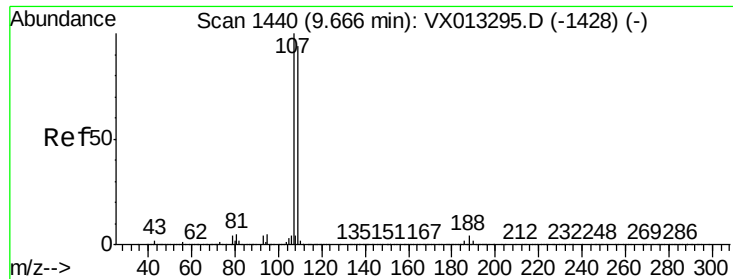
MMDadoda
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#60
Dibromochloromethane
Concen: 18.783 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion: 129 Resp: 129099
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.806 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBS01

Tot Ion: 107 Resp: 134205

Ion Ratio Lower Upper

107 100

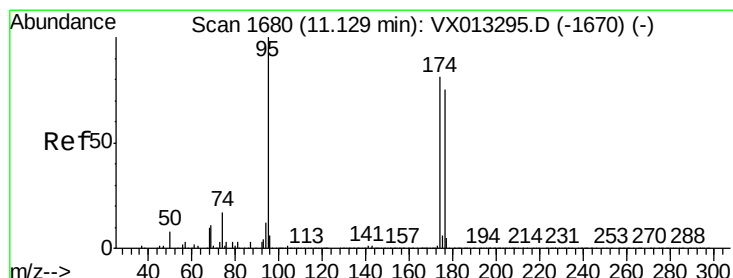
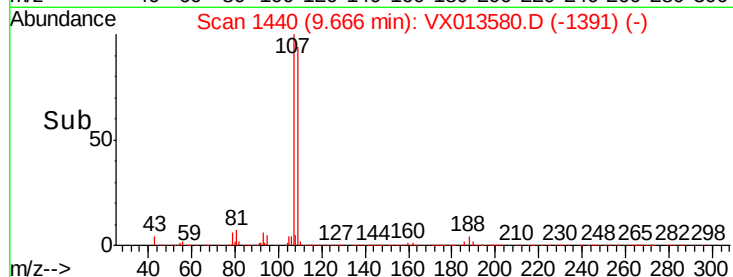
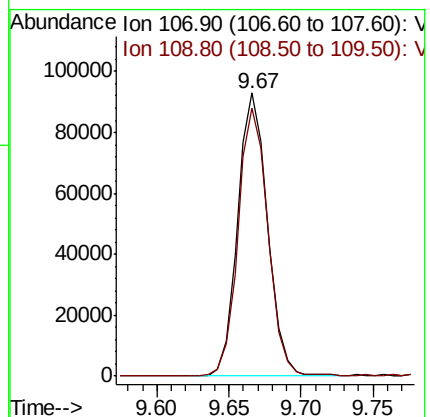
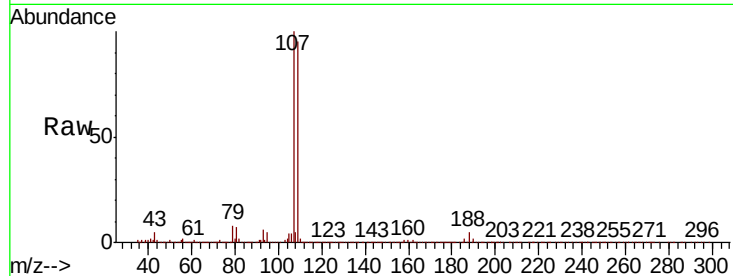
109 94.7 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 50.393 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

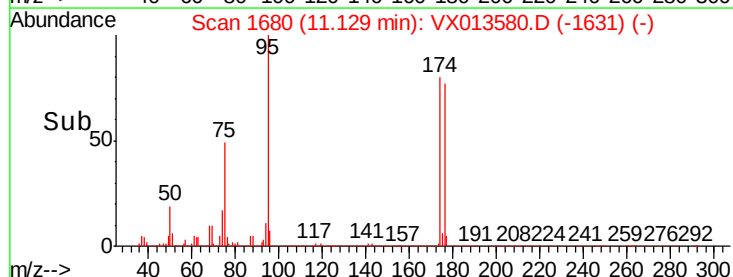
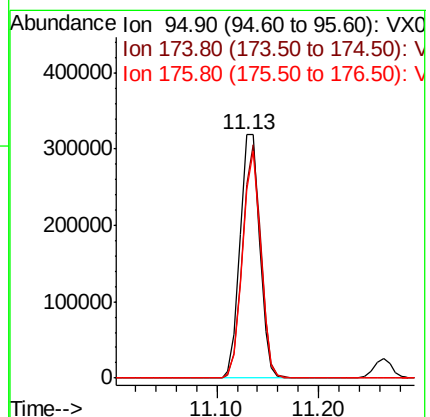
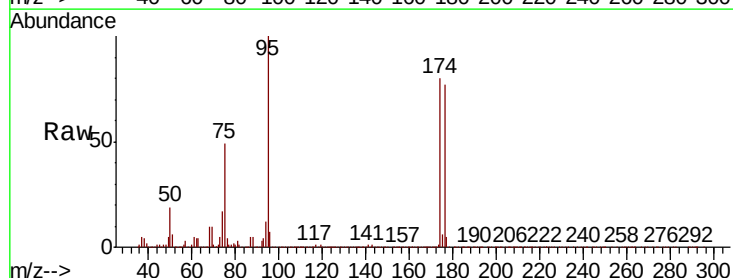
Tgt Ion: 95 Resp: 420995

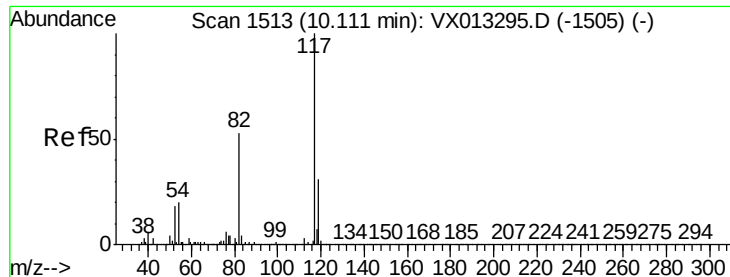
Ion Ratio Lower Upper

95 100

174 89.2 0.0 179.8

176 86.4 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

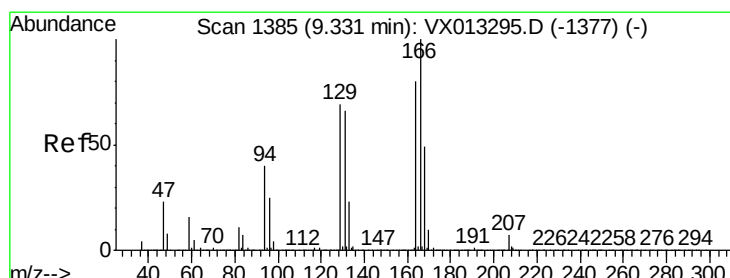
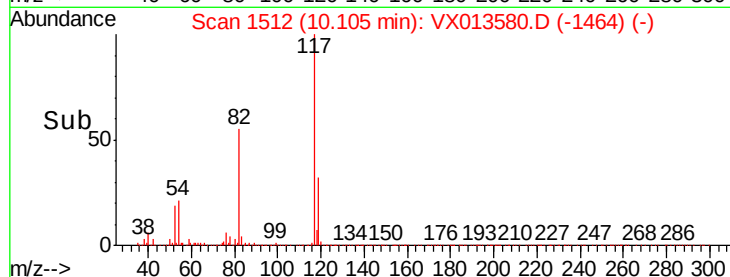
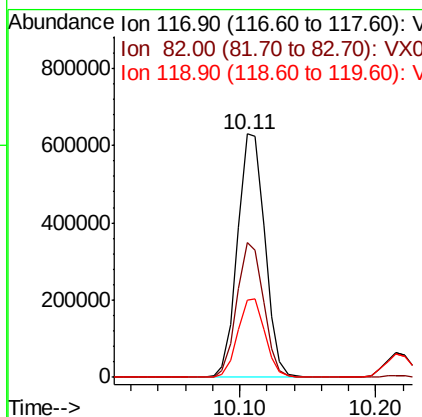
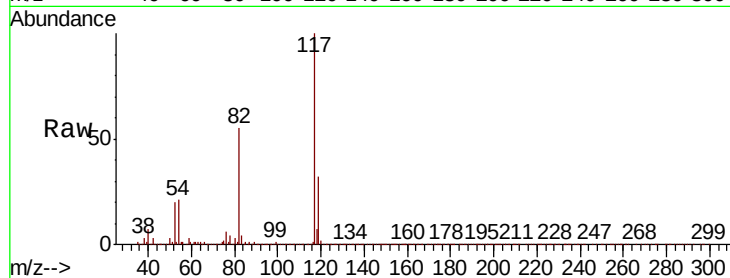
ClientSampleId :

VX1125MBS01

Tot Ion:	117	Resp:	883312
Ion Ratio	Lower	Upper	
117	100		
82	55.4	42.6	64.0
119	31.7	24.8	37.2

Manual Integrations
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#64

Tetrachloroethene

Concen: 18.086 ug/l

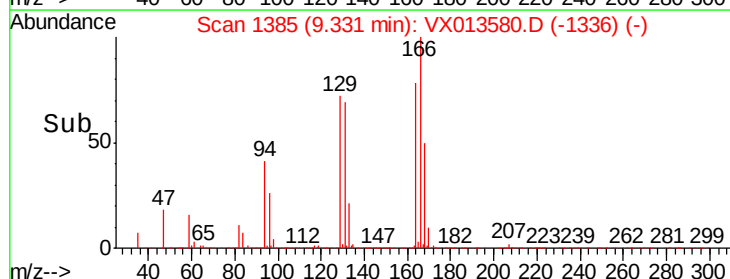
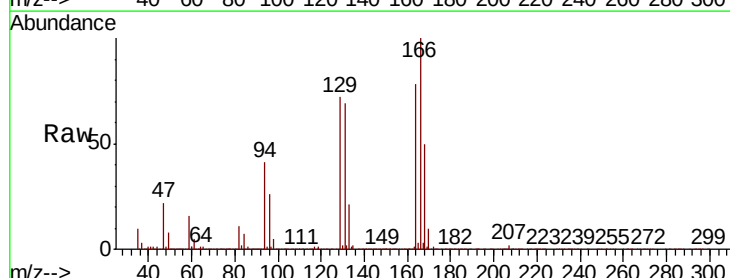
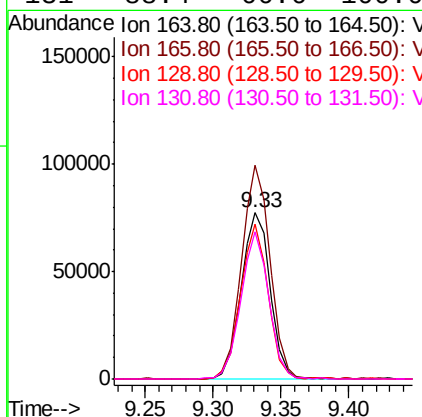
RT: 9.33 min Scan# 1385

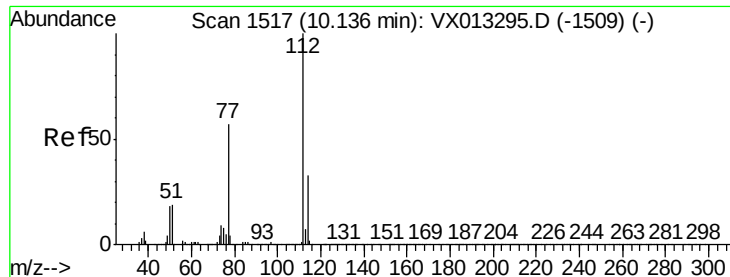
Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Tgt Ion:	164	Resp:	114362
Ion Ratio	Lower	Upper	
164	100		
166	128.4	100.4	150.6
129	92.8	69.4	104.2
131	88.4	66.6	100.0





#65

Chlorobenzene

Concen: 18.616 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

ClientSampled :

VX1125MBS01

Tot Ion:112 Resp: 332913

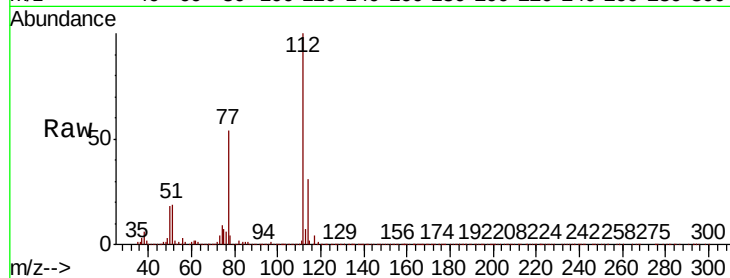
Ion Ratio Lower Upper

112 100

114 31.2 26.4 39.6

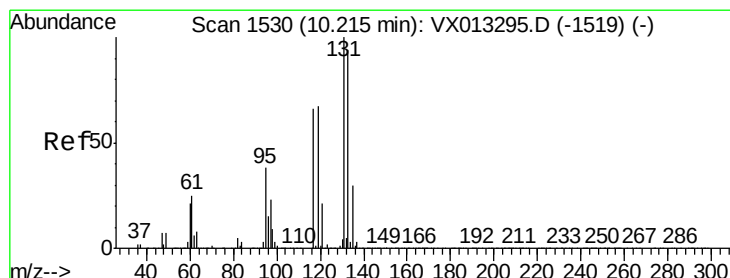
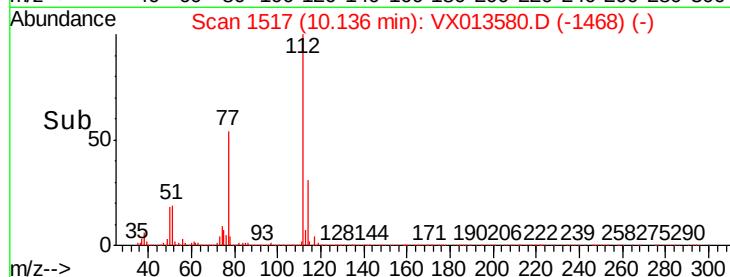
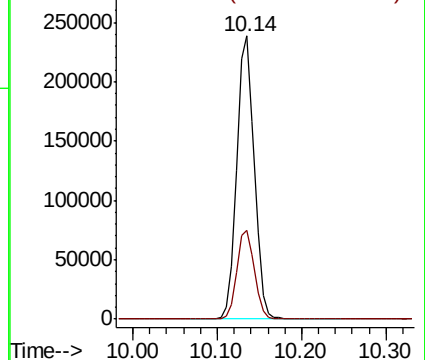
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.826 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

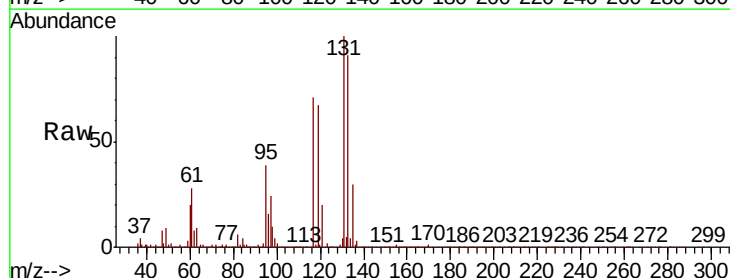
Tgt Ion:131 Resp: 123617

Ion Ratio Lower Upper

131 100

133 93.7 48.0 144.0

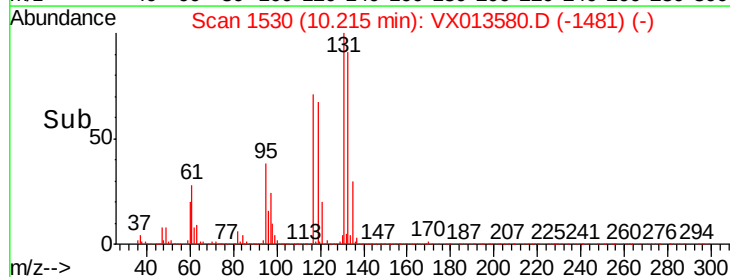
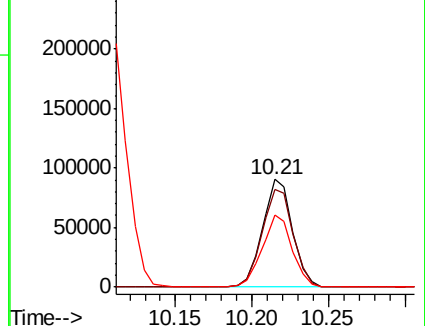
119 67.2 33.0 99.0

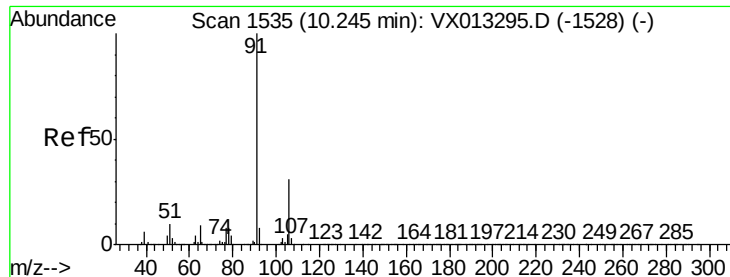


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.566 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBS01

Tot Ion: 91 Resp: 573036

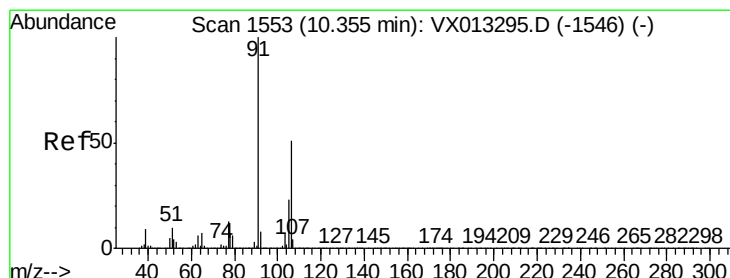
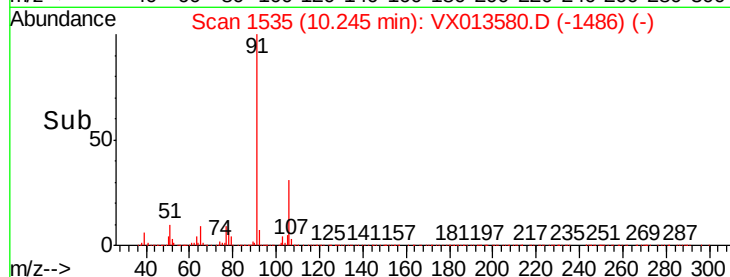
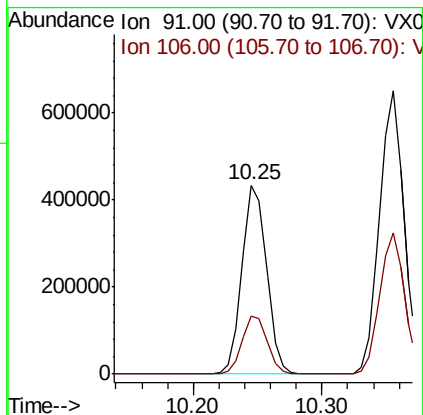
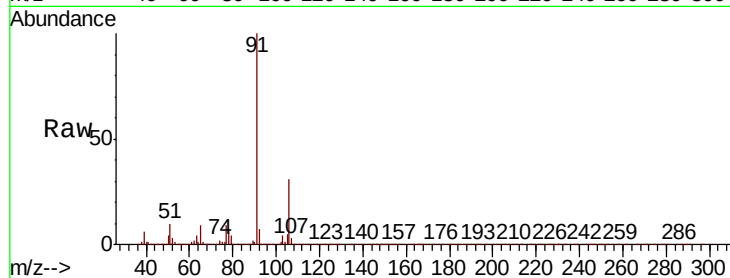
Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 37.127 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013580.D

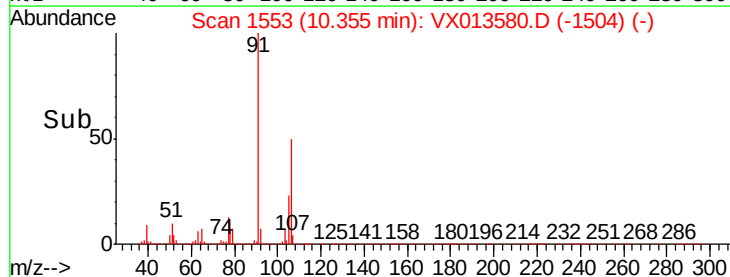
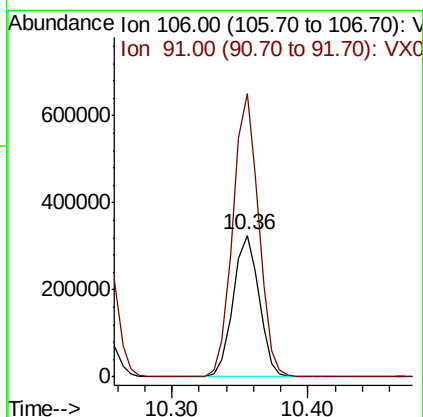
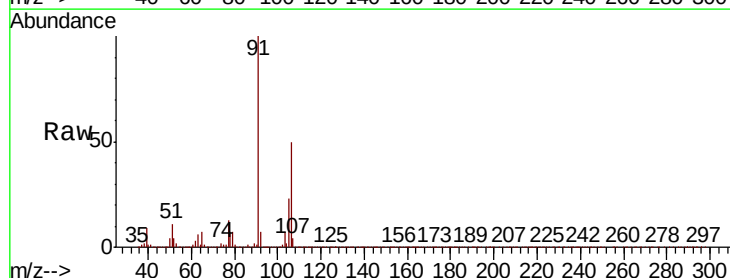
Acq: 25 Nov 2019 14:50

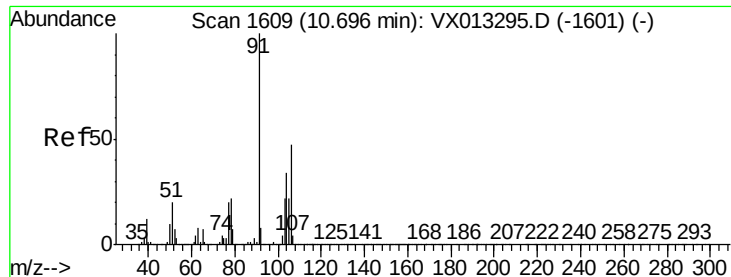
Tgt Ion: 106 Resp: 433363

Ion Ratio Lower Upper

106 100

91 197.7 159.3 238.9





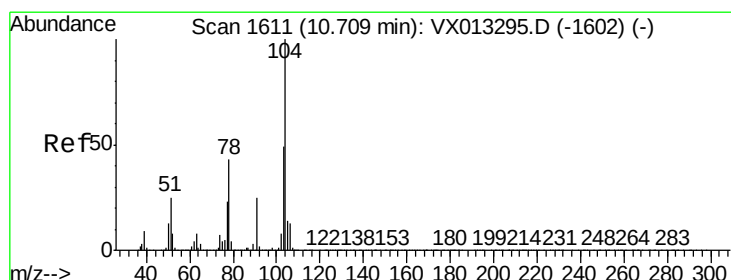
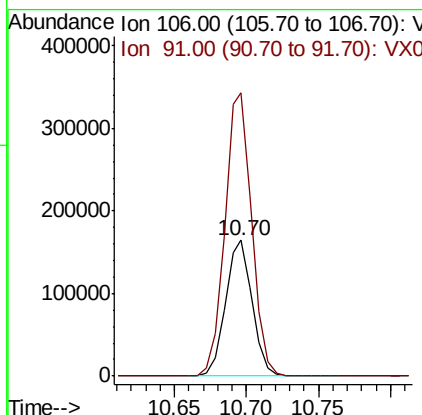
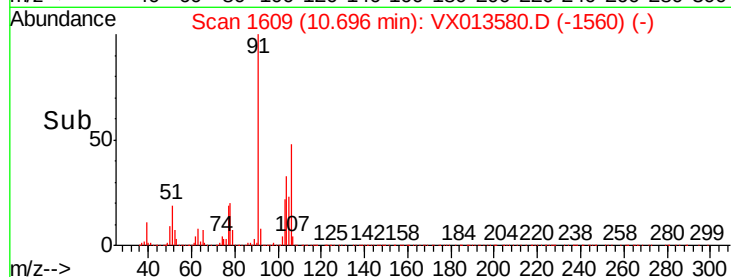
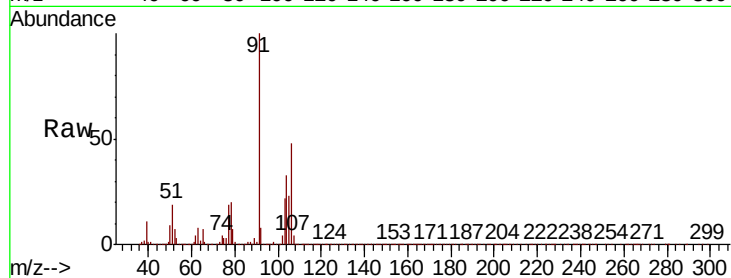
#69
o-Xylene
Concen: 18.602 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.3	105.7	317.0

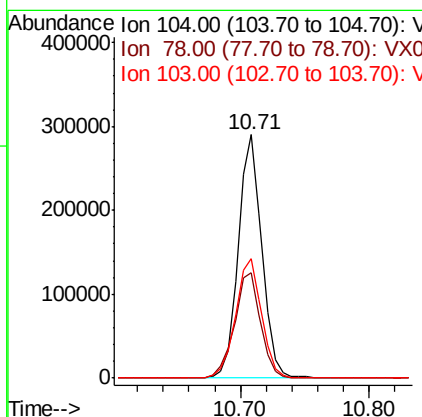
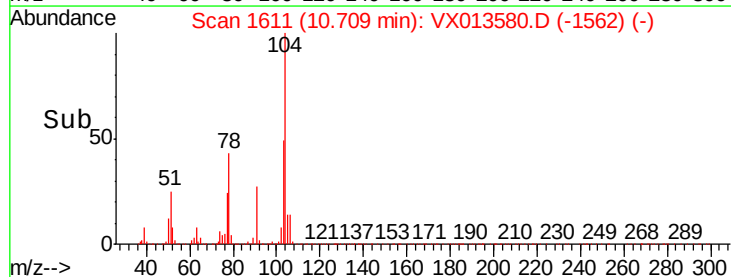
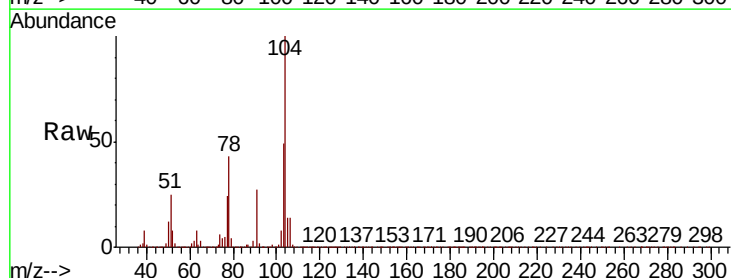
Manual Integrations
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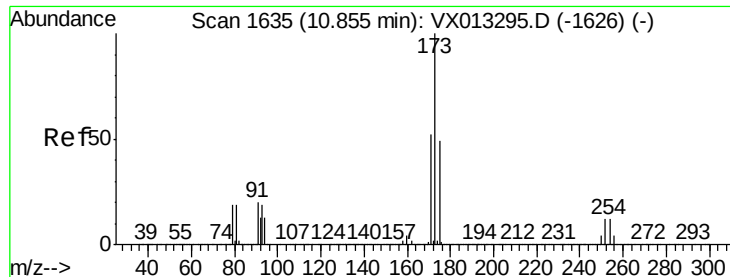
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#70
Styrene
Concen: 19.068 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	40.0	60.0
103	54.4	44.1	66.1





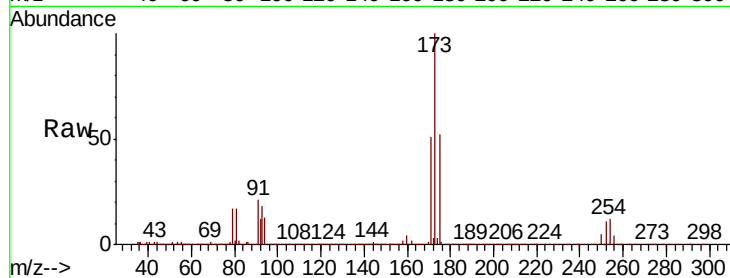
#71
Bromoform
Concen: 18.029 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

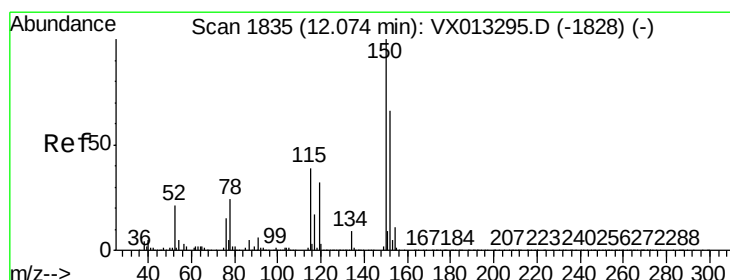
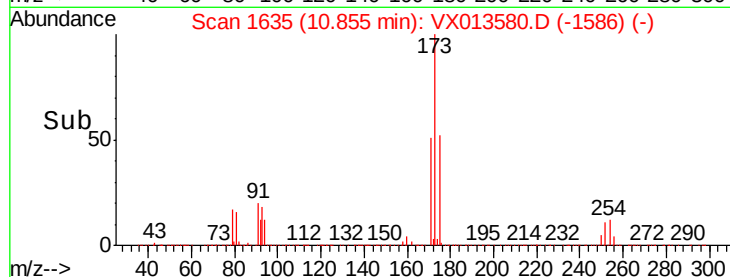
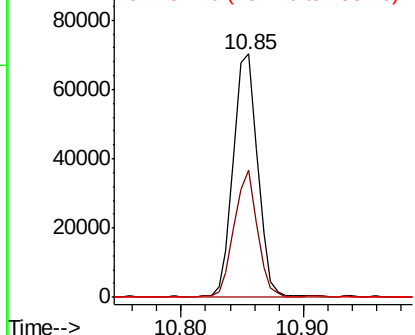
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.8	74.4
254	0.2	0.2	0.2

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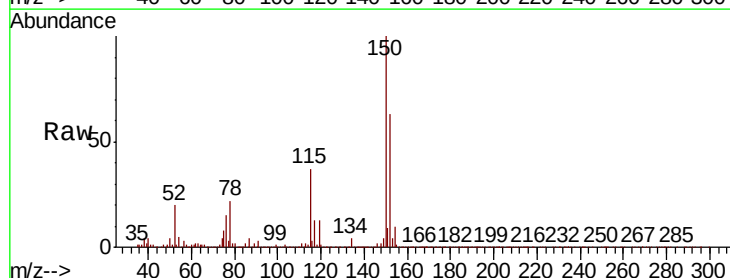


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

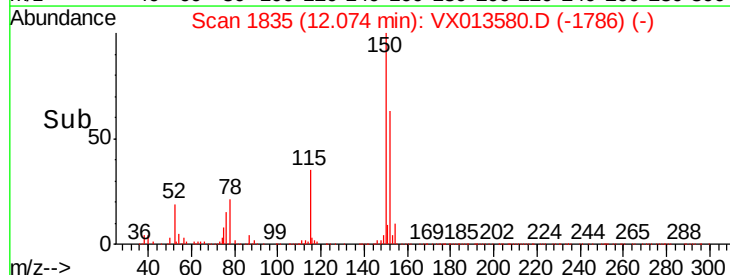
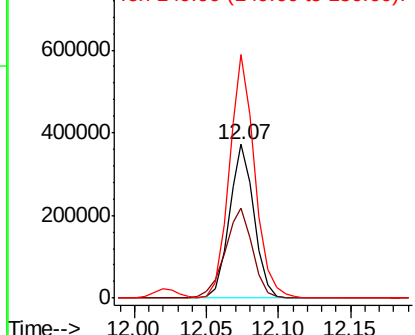


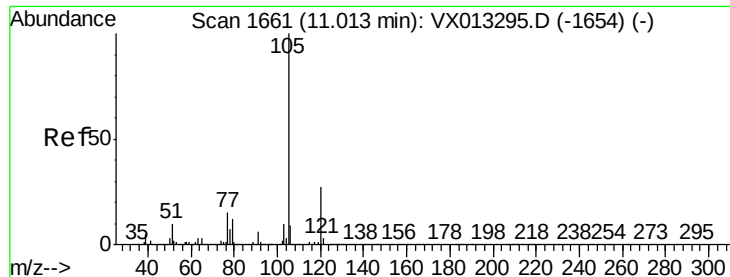
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.9	39.5	118.3
150	163.4	0.0	344.4



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





#73

Isopropylbenzene

Concen: 19.351 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBS01

Tot Ion:105 Resp: 570095

Ion Ratio Lower Upper

105 100

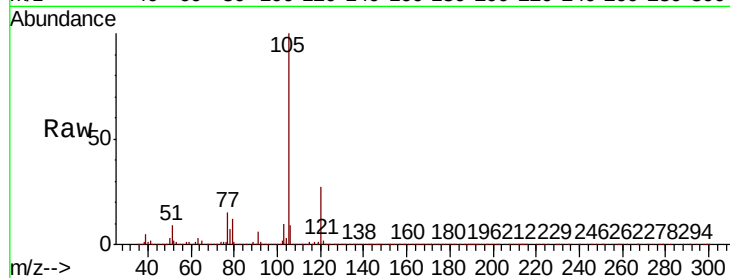
120 26.7

13.5 40.5

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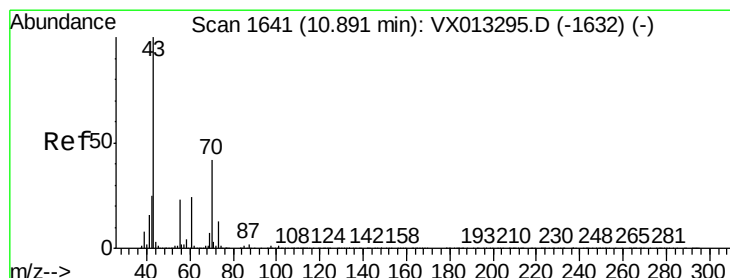
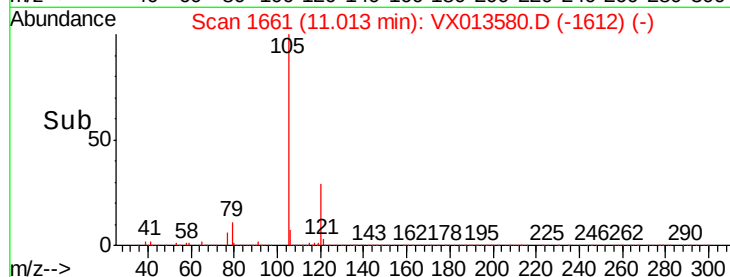
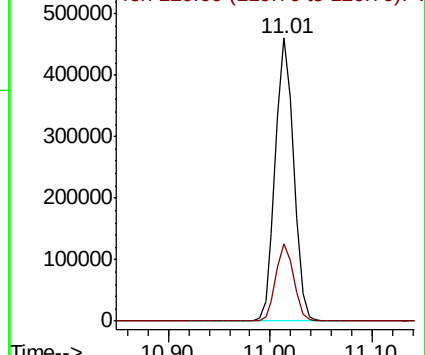
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.632 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Tgt Ion: 43 Resp: 268205

Ion Ratio Lower Upper

43 100

70 43.0 34.1 51.1

55 23.2 18.9 28.3

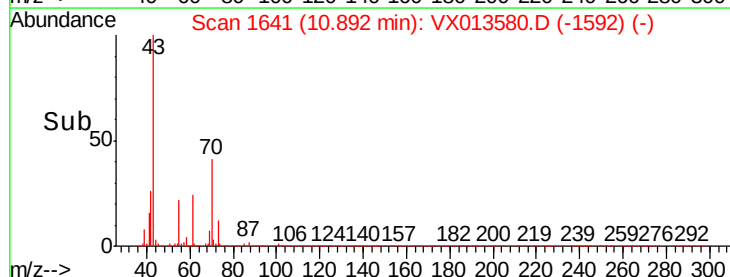
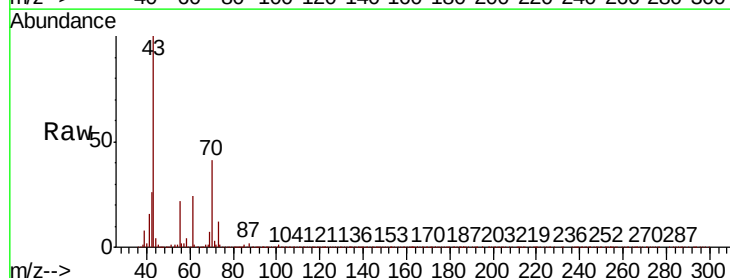
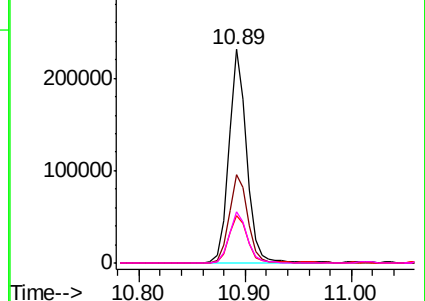
61 24.9 19.2 28.8

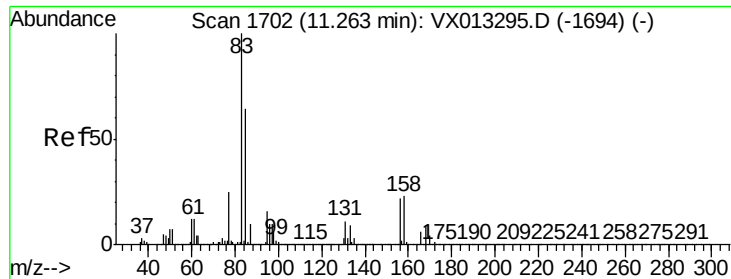
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.474 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

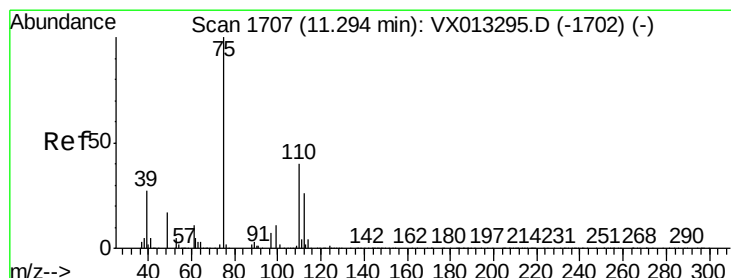
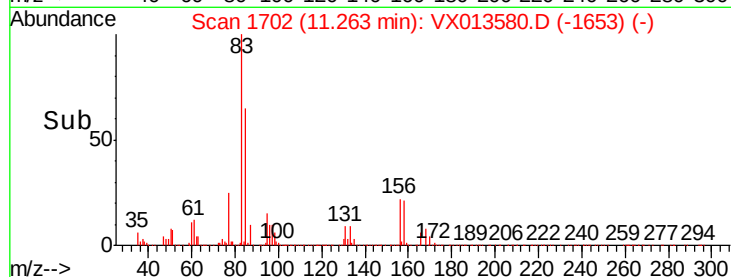
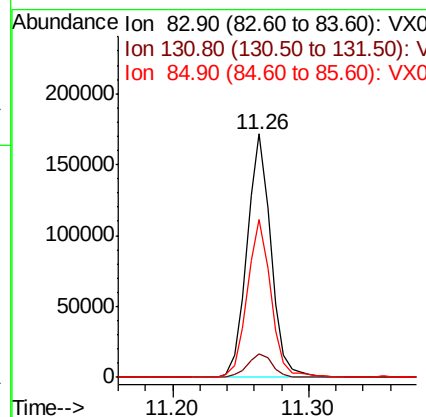
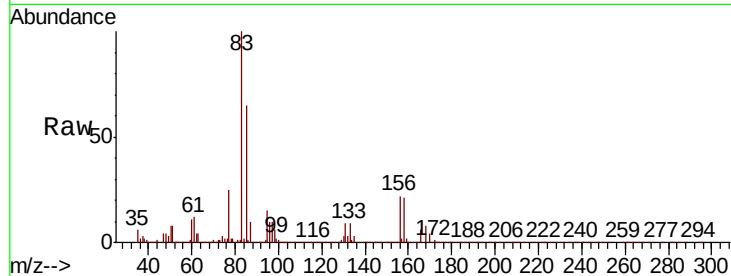
ClientSampleId :

VX1125MBS01

Tot Ion:	83	Resp:	209294
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	64.3	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 21.097 ug/l m

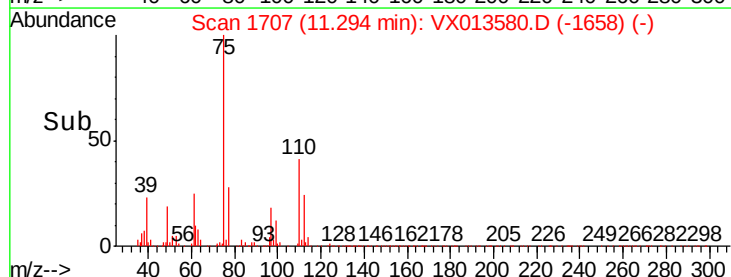
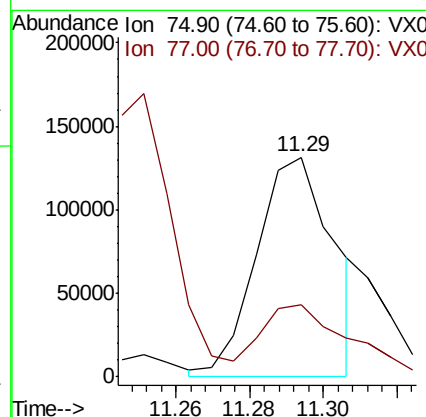
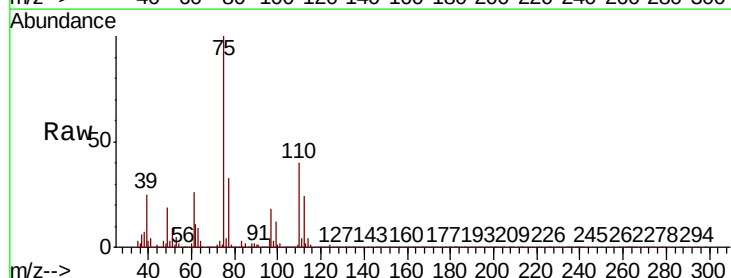
RT: 11.29 min Scan# 1707

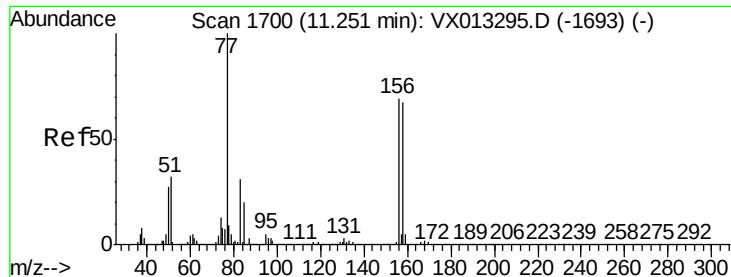
Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Tgt Ion:	75	Resp:	190399
Ion Ratio	Lower	Upper	
75	100		
77	37.7	22.3	66.8





#77

Bromobenzene

Concen: 19.220 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

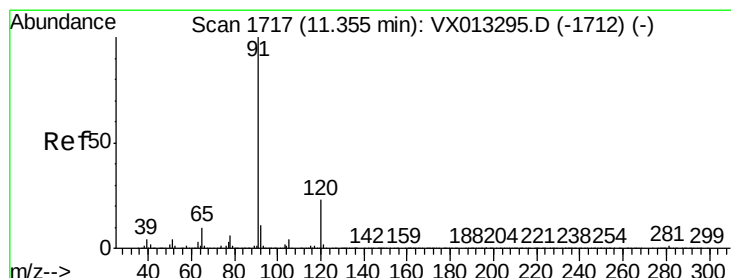
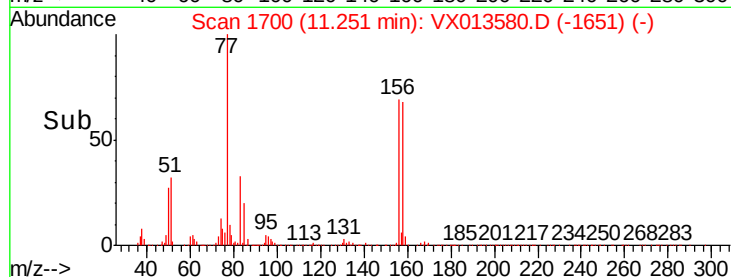
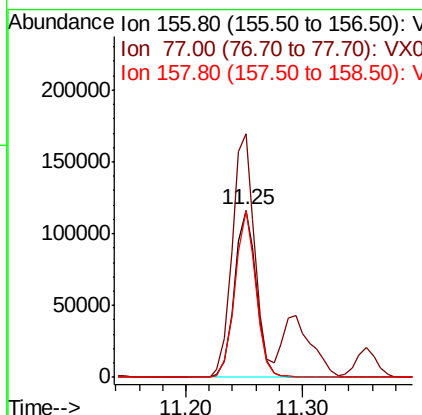
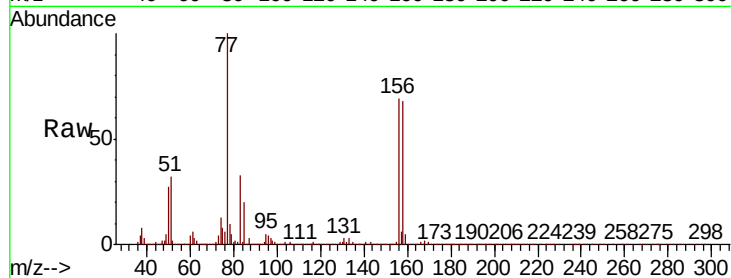
ClientSampleId :

VX1125MBS01

Tot Ion:	156	Resp:	150947
Ion Ratio	Lower	Upper	
156	100		
77	150.1	75.8	227.4
158	96.5	47.6	142.8

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#78

n-propylbenzene

Concen: 19.383 ug/l

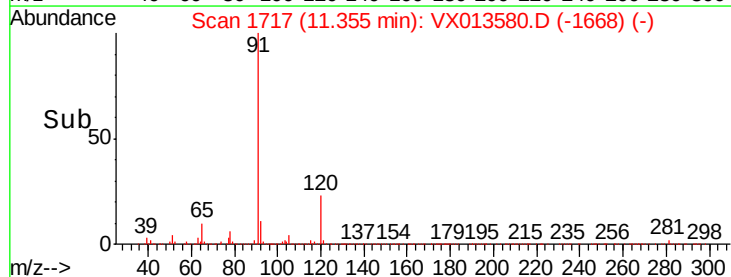
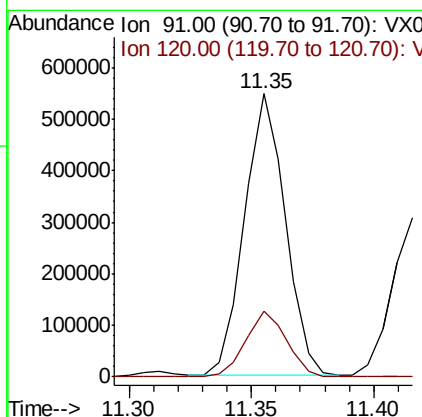
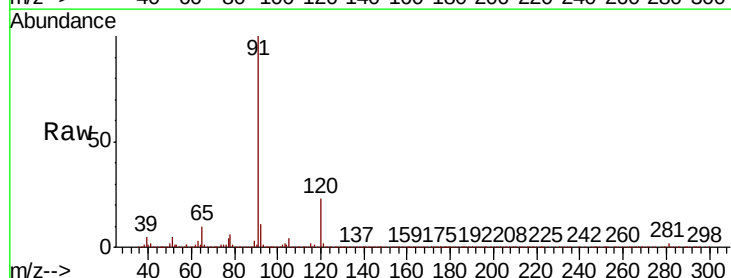
RT: 11.35 min Scan# 1717

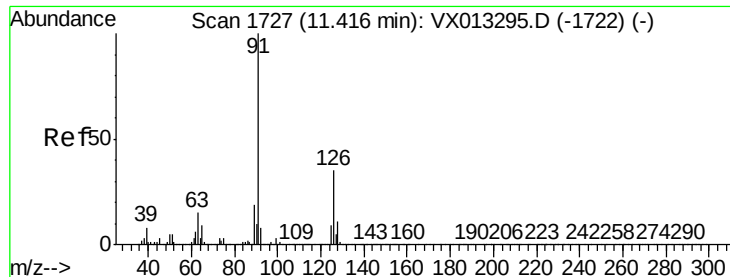
Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Tgt Ion:	91	Resp:	636105
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.6	34.8





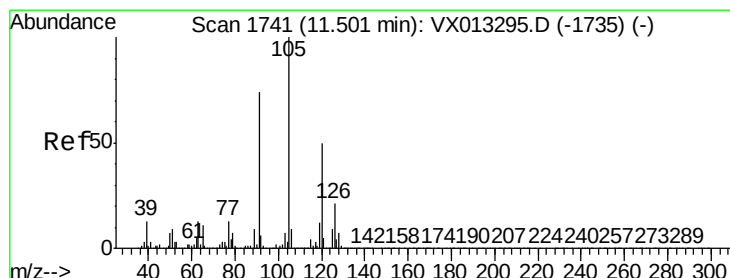
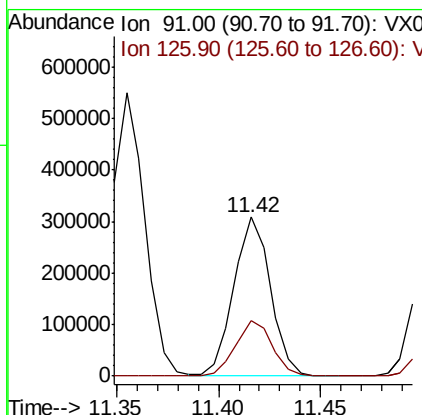
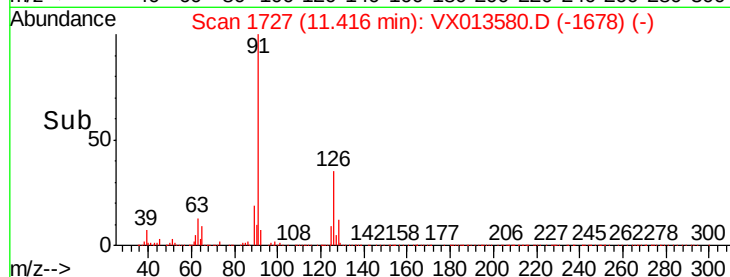
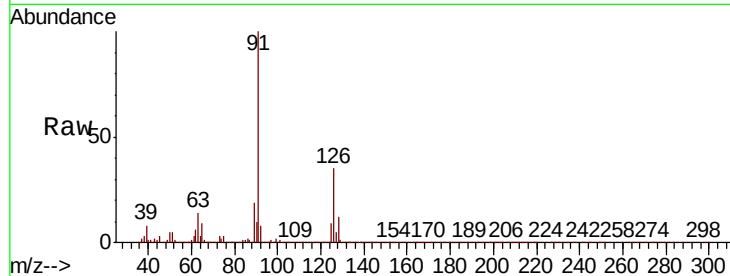
#79
2-Chlorotoluene
Concen: 19.230 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.3	52.0

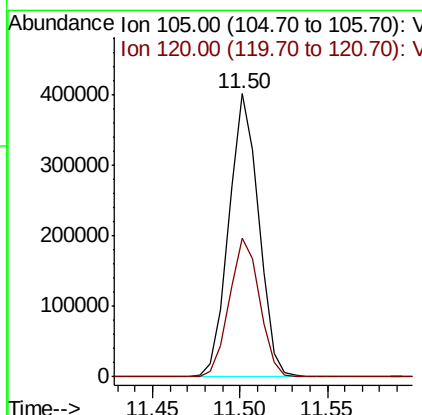
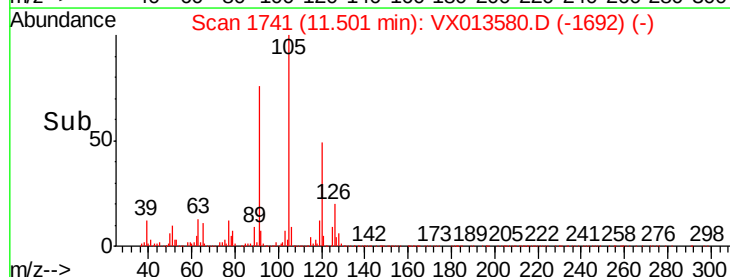
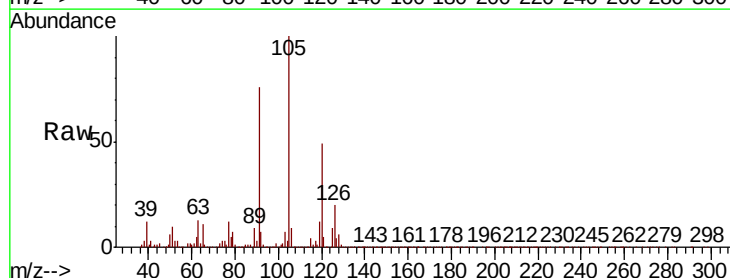
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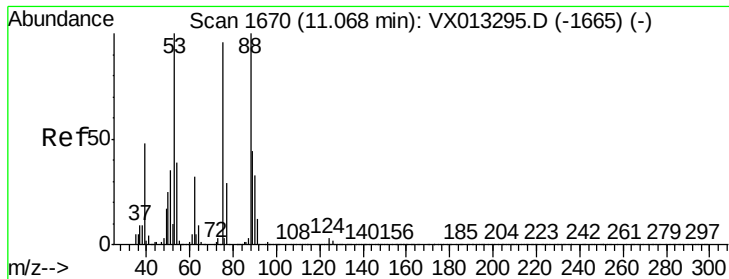
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#80
1,3,5-Trimethylbenzene
Concen: 19.345 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.9	74.8





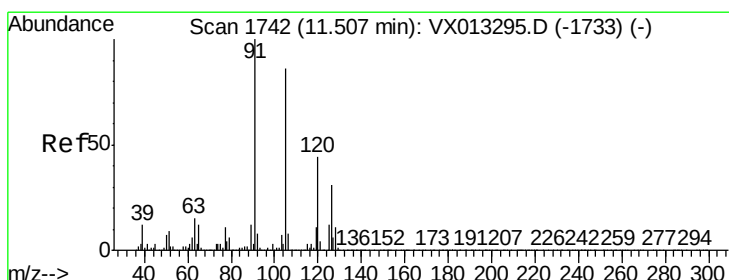
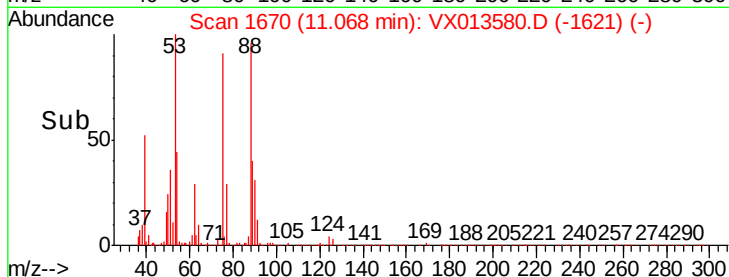
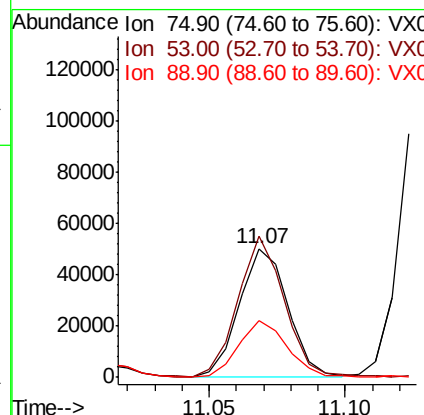
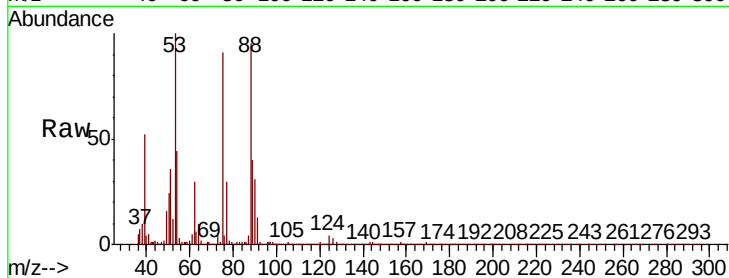
#81
trans-1,4-Dichloro-2-butene
Concen: 17.553 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.0	81.0	121.6
89	44.0	36.0	54.0

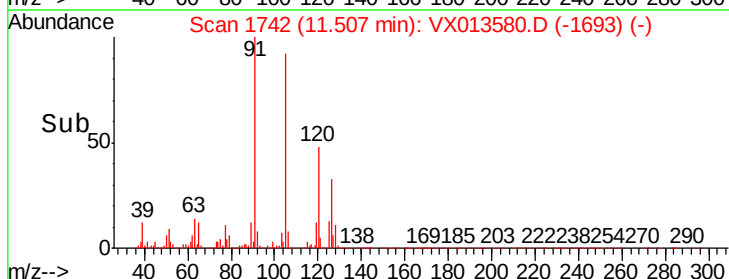
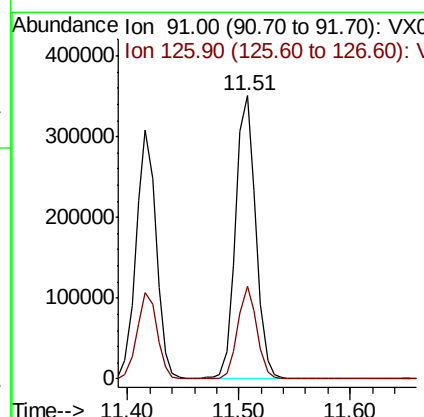
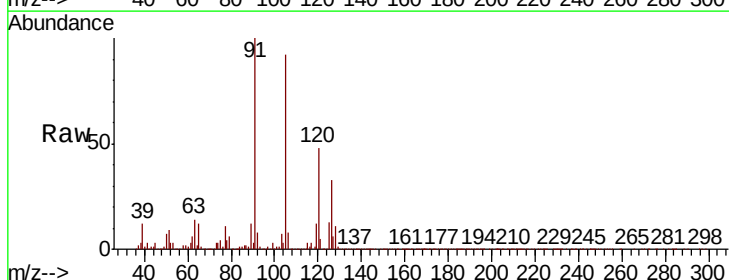
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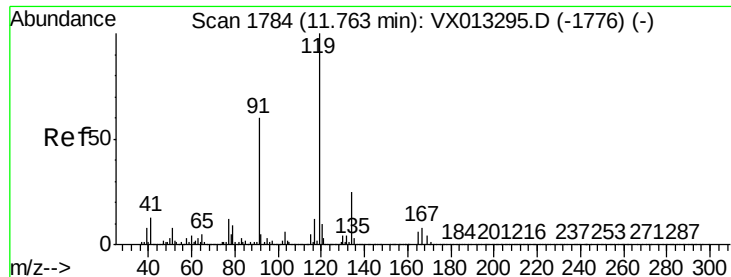
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#82
4-Chlorotoluene
Concen: 18.848 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.3	45.8





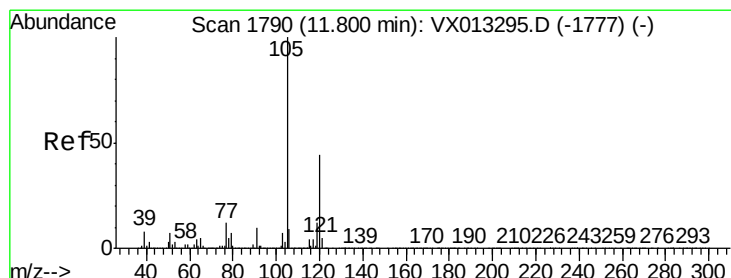
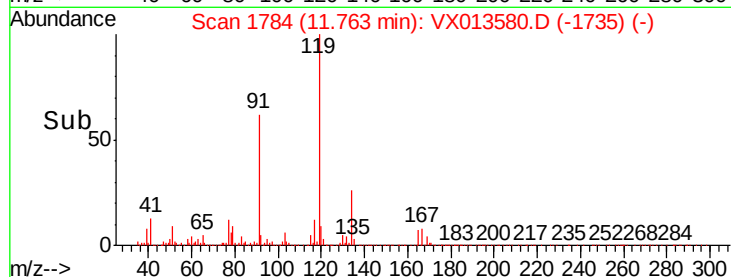
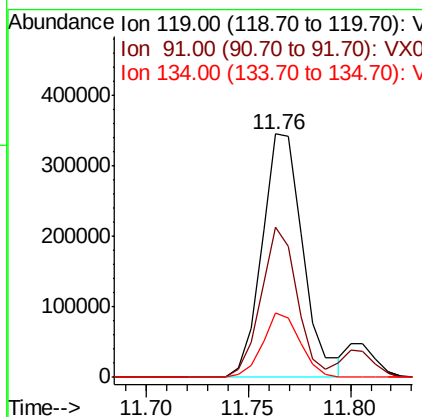
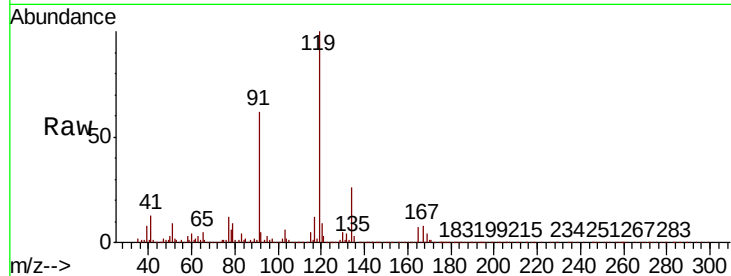
#83
tert-Butylbenzene
Concen: 19.486 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.5	26.9	80.7
134	24.3	11.7	35.1

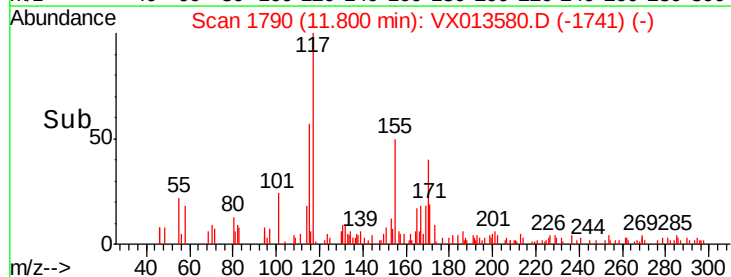
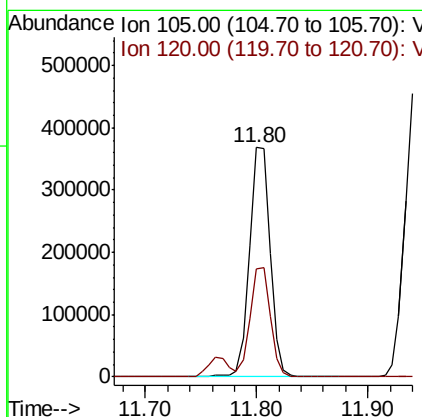
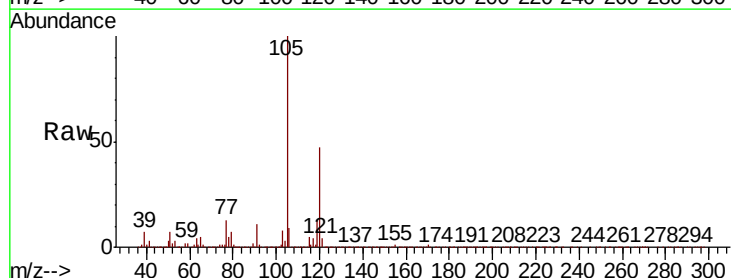
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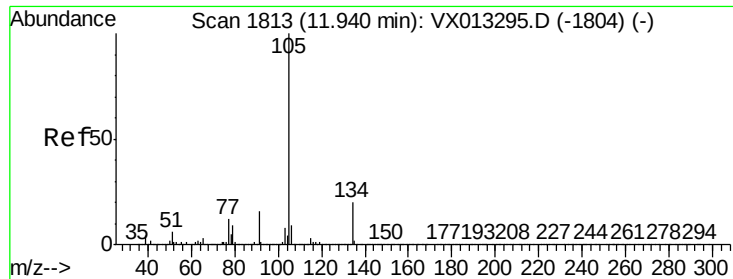
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#84
1,2,4-Trimethylbenzene
Concen: 19.296 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.331 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

Instrument :

MSVOA_X

ClientSampled :

VX1125MBS01

Tot Ion:105 Resp: 548787

Ion Ratio Lower Upper

105 100

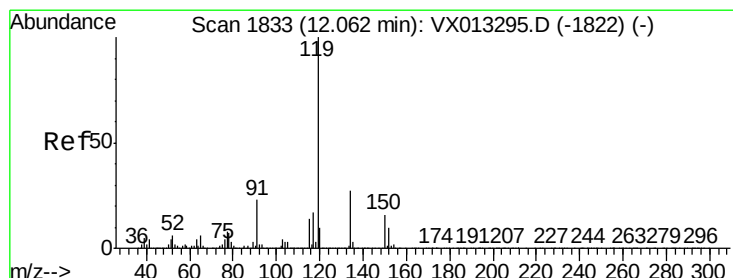
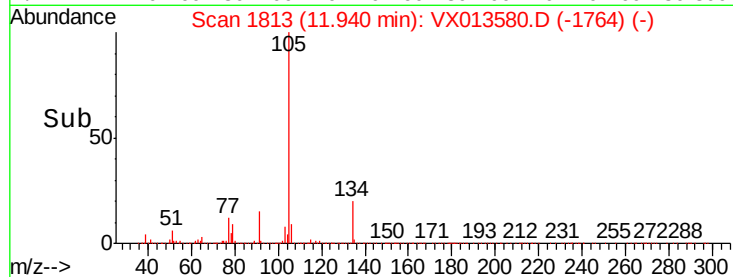
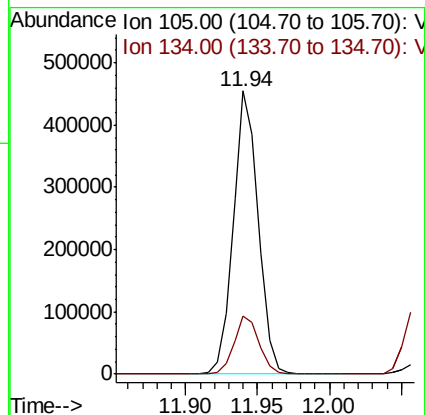
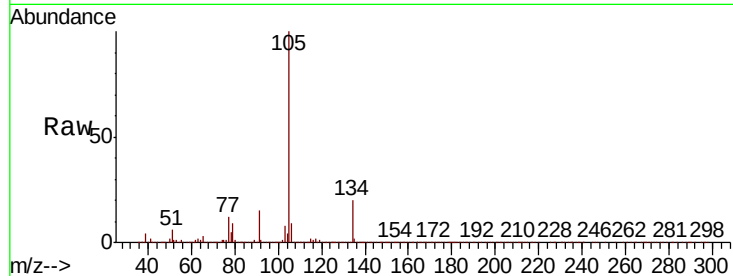
134 20.7 10.3 30.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.409 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013580.D

Acq: 25 Nov 2019 14:50

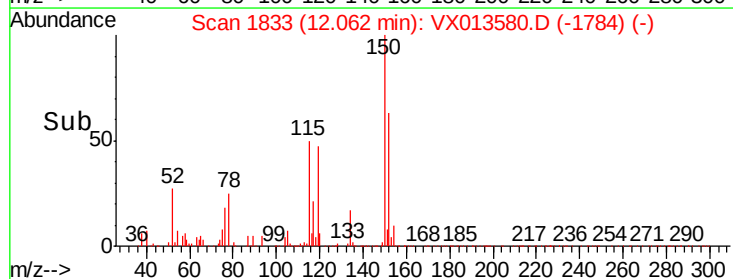
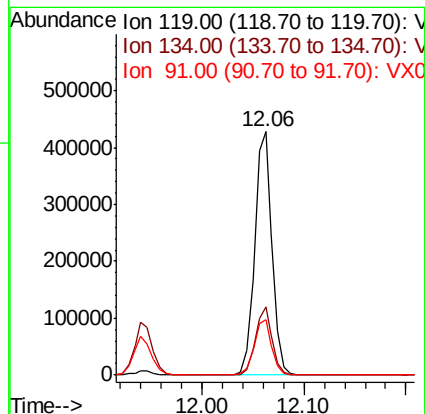
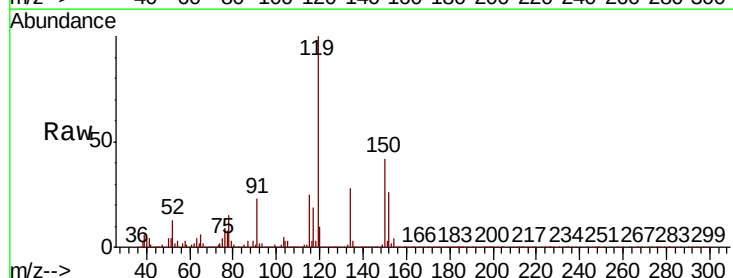
Tgt Ion:119 Resp: 507395

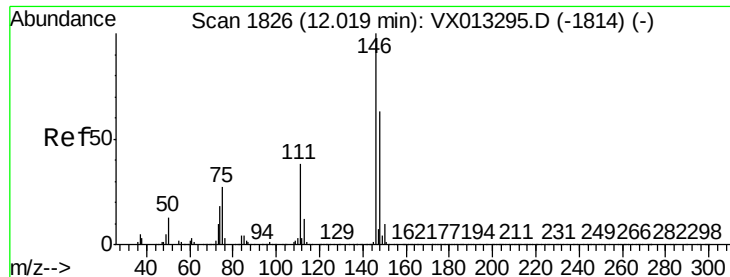
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.7 11.5 34.4





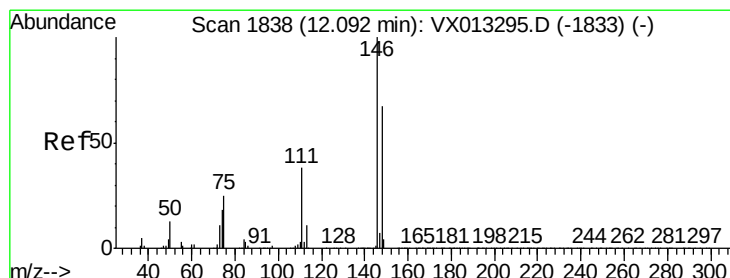
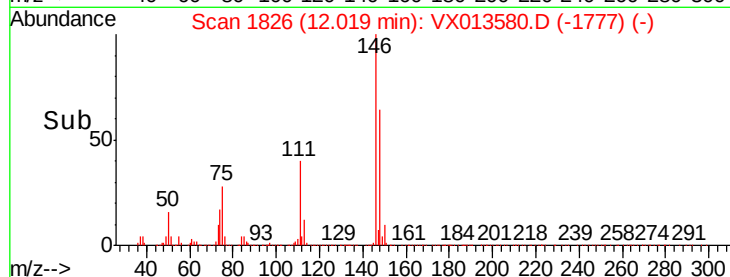
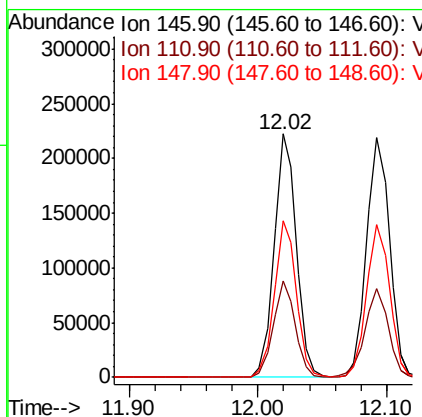
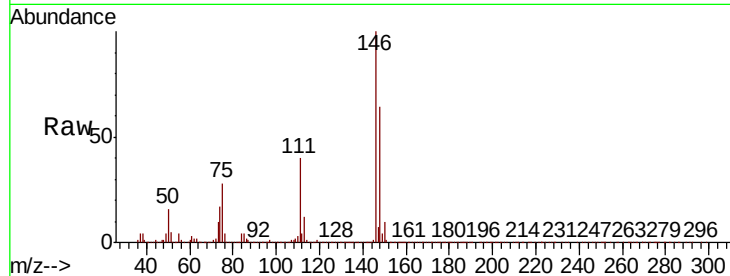
#87
 1,3-Dichlorobenzene
 Concen: 19.185 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013580.D
 Acq: 25 Nov 2019 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	268575		
111	38.8	18.9	56.5	
148	63.7	31.9	95.7	

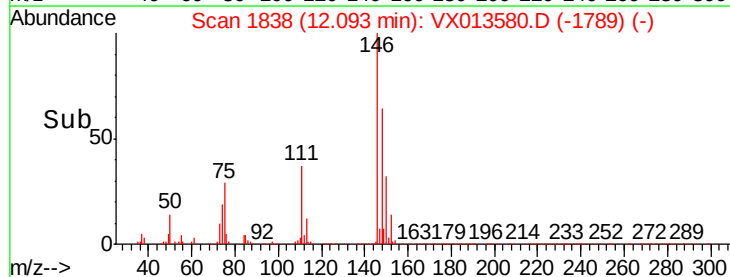
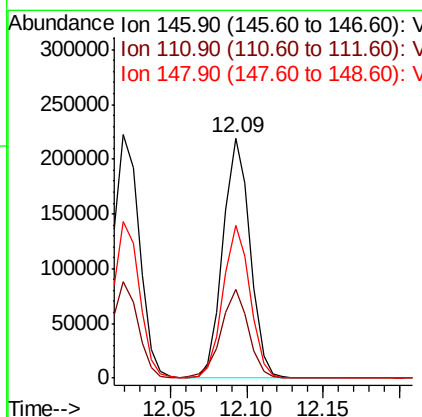
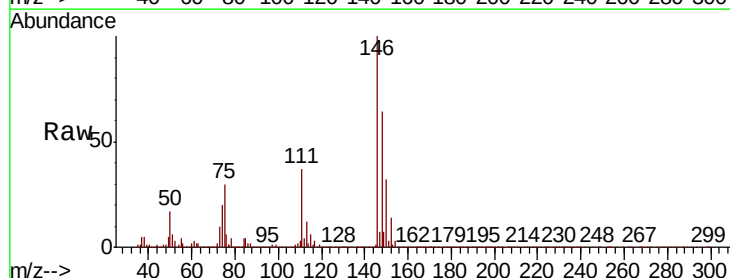
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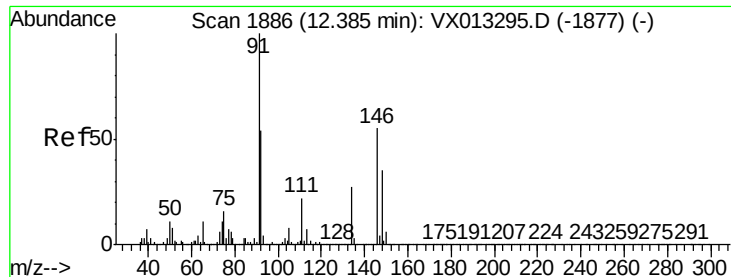
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#88
 1,4-Dichlorobenzene
 Concen: 18.755 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013580.D
 Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	267510		
111	37.7	18.8	56.4	
148	63.9	32.4	97.0	





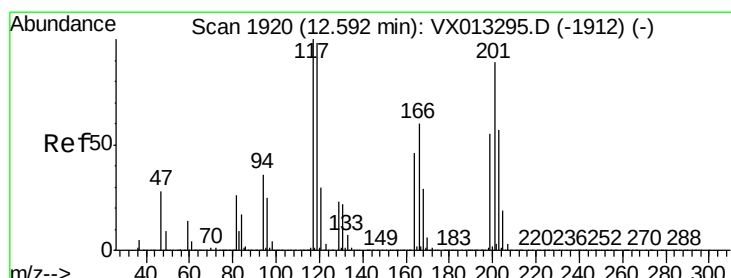
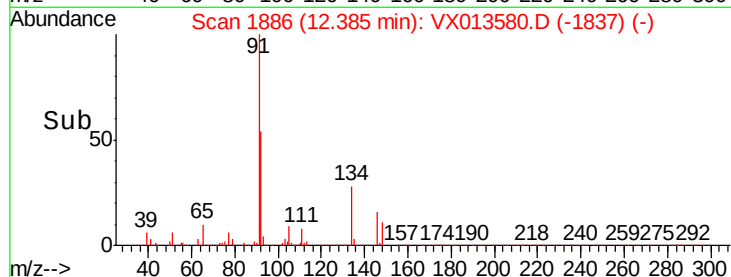
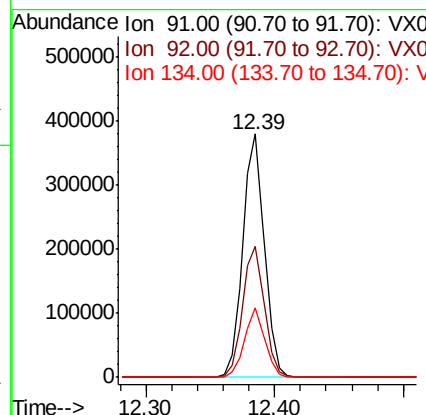
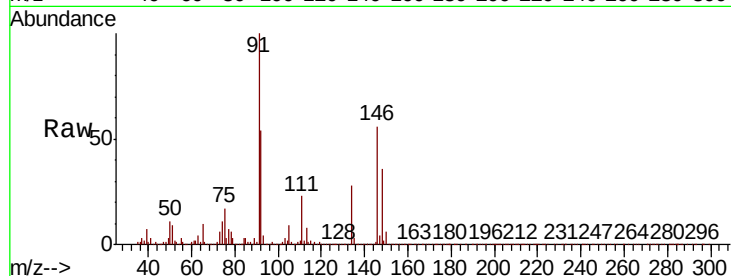
#89
n-Butylbenzene
Concen: 19.396 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.3	81.8
134	26.9	13.5	40.5

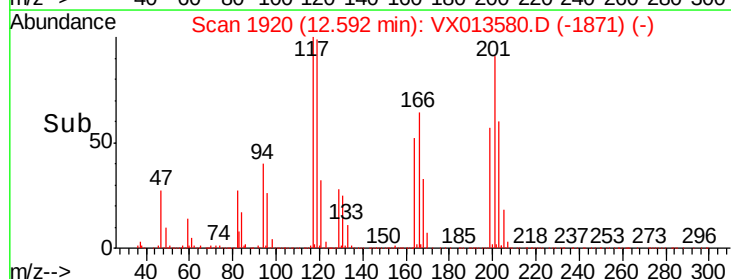
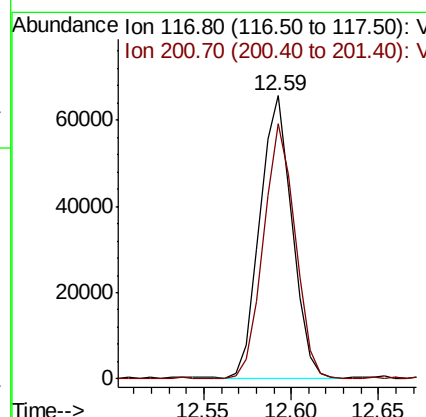
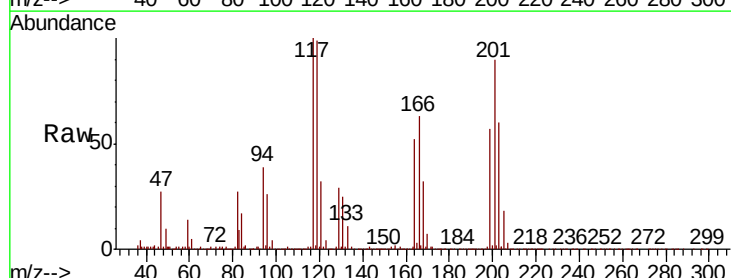
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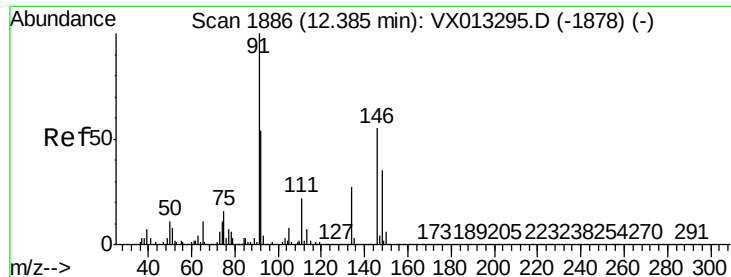
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#90
Hexachloroethane
Concen: 18.199 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	43.9	131.7





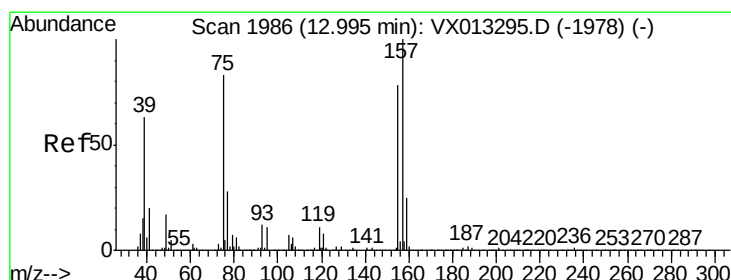
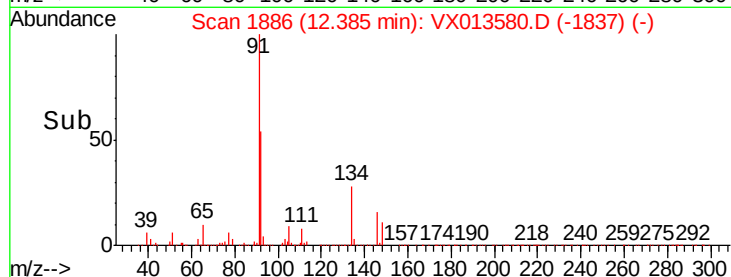
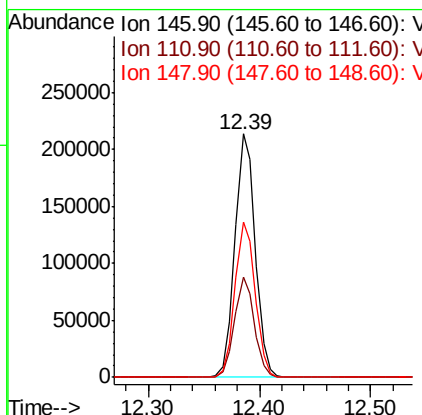
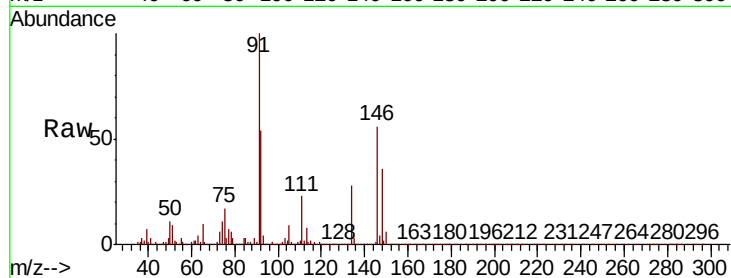
#91
 1,2-Dichlorobenzene
 Concen: 19.302 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013580.D
 Acq: 25 Nov 2019 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	270108		
111	40.3	20.1	60.2	
148	63.8	32.0	96.0	

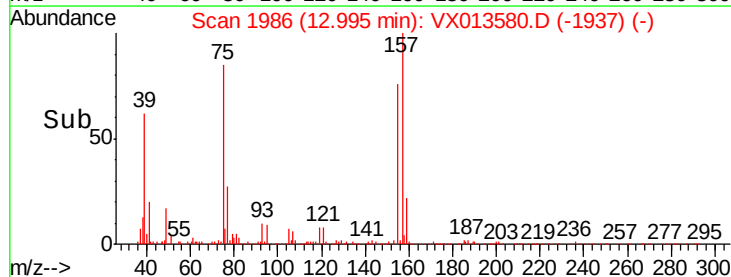
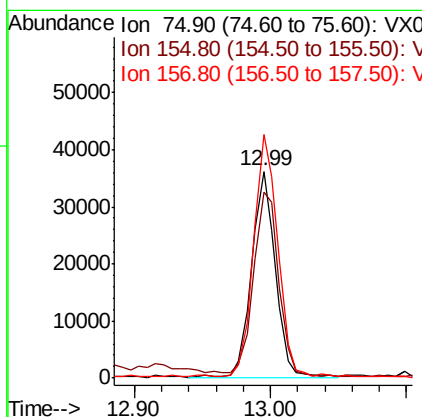
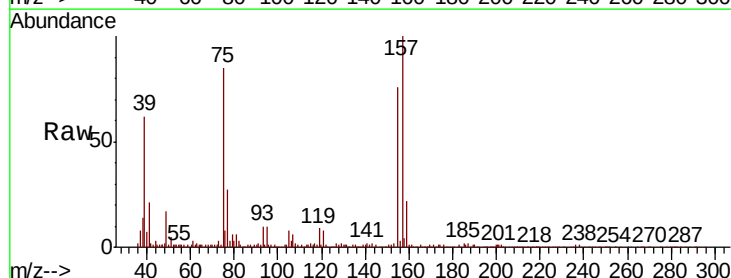
Manual Integrations
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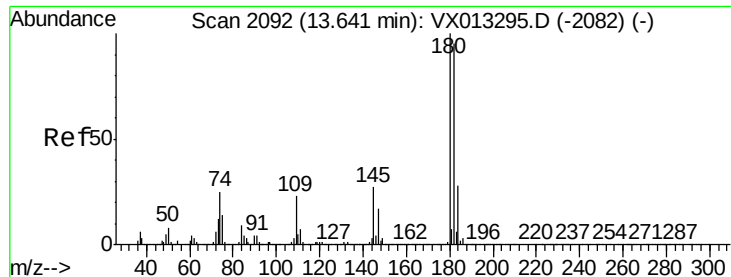
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.863 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013580.D
 Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44155		
155	96.6	47.1	141.4	
157	120.8	61.3	183.8	





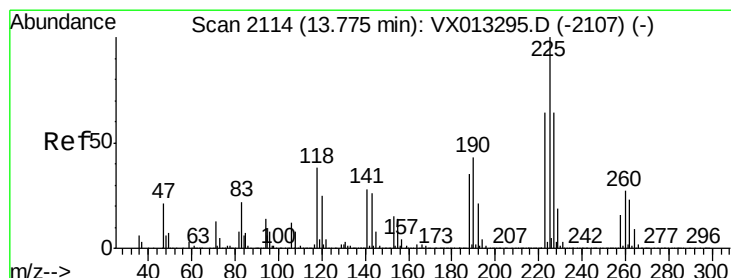
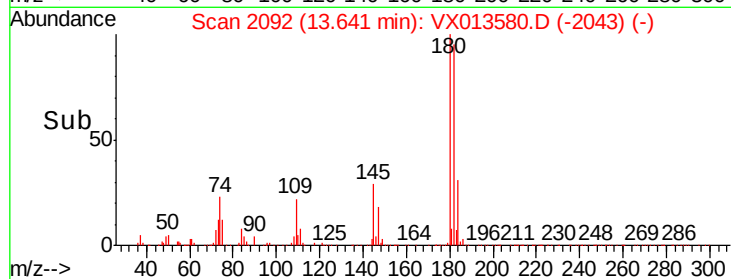
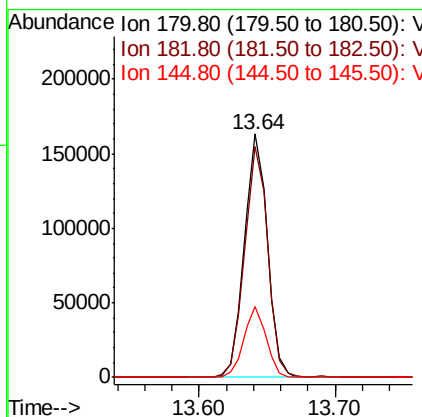
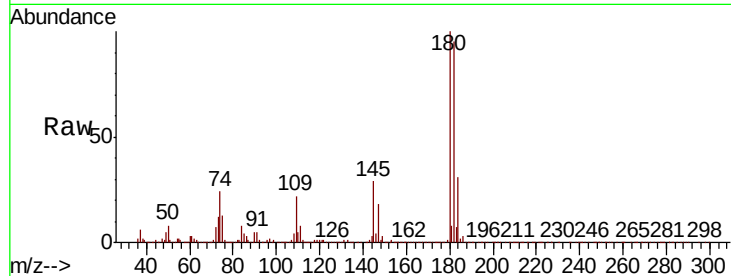
#93
1,2,4-Trichlorobenzene
Concen: 19.795 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	193224		
182	95.4	48.4	145.0	
145	27.8	14.1	42.4	

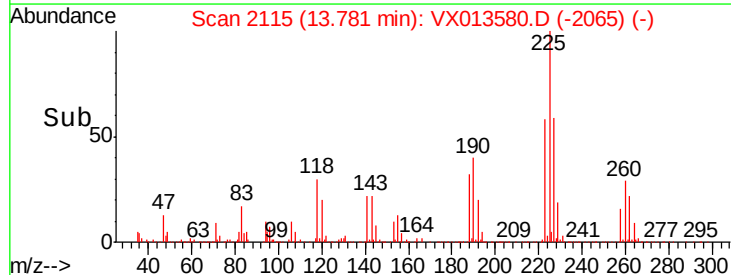
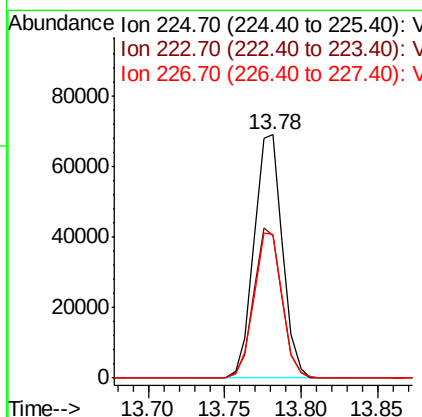
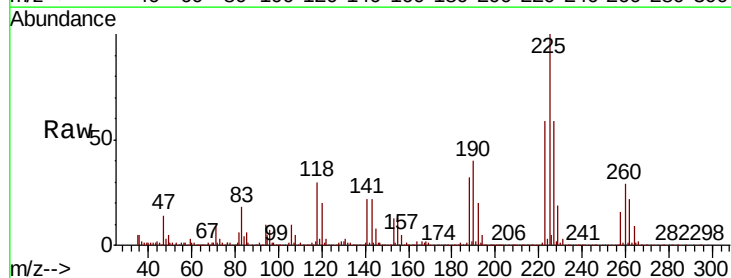
Manual Integrations
APPROVED

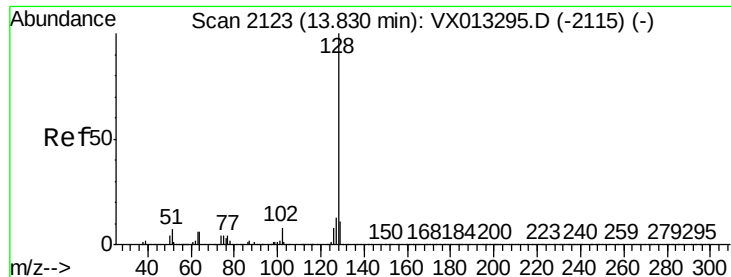
MMDadoda
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#94
Hexachlorobutadiene
Concen: 18.637 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89003		
223	61.0	31.9	95.7	
227	59.3	31.9	95.9	





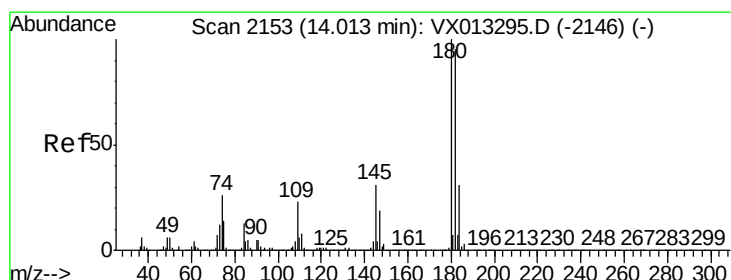
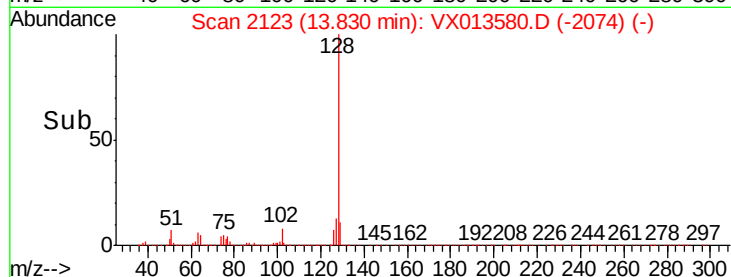
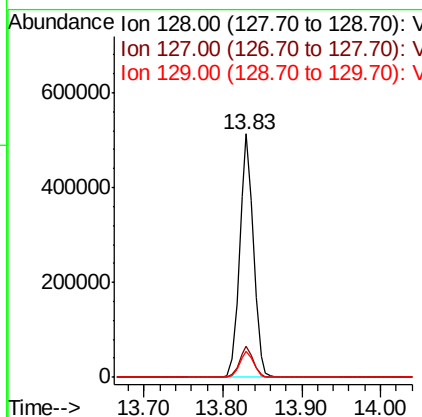
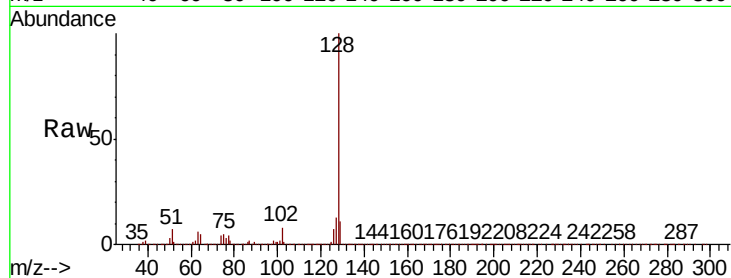
#95
Naphthalene
Concen: 20.194 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	618443		
127	12.9	10.2	15.2	
129	10.9	8.5	12.7	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.822 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013580.D
Acq: 25 Nov 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194045		
182	97.3	48.0	144.2	
145	30.2	15.4	46.4	

