

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112519\
 Data File : VX013581.D
 Acq On : 25 Nov 2019 15:14
 Operator : JC/SP
 Sample : VX1125MBSD01
 Misc : 5.00G/10ML/100UL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2019 11:02:30 AM

Quant Time: Nov 25 15:44:31 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	653093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1012758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	895958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	450981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	385395	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	5.48	113	320181	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	1195365	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	430967	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	106426	14.143	ug/l	97
3) Chloromethane	1.32	50	125198	15.342	ug/l	97
4) Vinyl Chloride	1.40	62	147476	15.874	ug/l	97
5) Bromomethane	1.63	94	87638	13.537	ug/l	99
6) Chloroethane	1.72	64	85155	15.206	ug/l	100
7) Trichlorofluoromethane	1.92	101	168277	15.331	ug/l	98
8) Diethyl Ether	2.18	74	81562	16.804	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105026	17.168	ug/l	97
10) Methyl Iodide	2.50	142	114346	15.097	ug/l	99
11) Tert butyl alcohol	3.03	59	161508	79.198	ug/l	98
12) 1,1-Dichloroethene	2.36	96	101250	16.901	ug/l	97
13) Acrolein	2.28	56	145788	131.906	ug/l	97
14) Allyl chloride	2.72	41	196803	18.080	ug/l	95
15) Acrylonitrile	3.13	53	358201	94.033	ug/l	99
16) Acetone	2.43	43	332628	86.190	ug/l	100
17) Carbon Disulfide	2.56	76	231870	14.461	ug/l	100
18) Methyl Acetate	2.76	43	208912	19.608	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	389668	19.502	ug/l	98
20) Methylene Chloride	2.85	84	127700	17.909	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	110400	16.925	ug/l	97
22) Diisopropyl ether	3.84	45	413455	19.675	ug/l	94
23) Vinyl Acetate	3.80	43	1670351	92.890	ug/l	99
24) 1,1-Dichloroethane	3.69	63	220346	18.744	ug/l	99
25) 2-Butanone	4.66	43	520477	91.932	ug/l	99
26) 2,2-Dichloropropane	4.58	77	179163	19.158	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	136391	18.666	ug/l	98
28) Bromochloromethane	5.00	49	78222	23.435	ug/l	98
29) Tetrahydrofuran	5.11	42	319437	91.559	ug/l	100
30) Chloroform	5.20	83	219073	18.872	ug/l	99
31) Cyclohexane	5.57	56	170535	16.122	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	177541	17.772	ug/l	99
36) 1,1-Dichloropropene	5.79	75	148836	17.131	ug/l	98
37) Ethyl Acetate	4.82	43	188364	17.546	ug/l	98
38) Carbon Tetrachloride	5.78	117	147044	17.307	ug/l	98

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

MMDadoda
 12/4/2019 11:02:30 AM

Quant Time: Nov 25 15:44:31 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	174779	16.145	ug/l	99
40) Benzene	6.14	78	480311	17.747	ug/l	98
41) Methacrylonitrile	5.03	41	106200	17.649	ug/l	98
42) 1,2-Dichloroethane	6.18	62	174282	17.853	ug/l	97
43) Isopropyl Acetate	6.43	43	312289	18.680	ug/l	99
44) Trichloroethene	7.21	130	129947	17.443	ug/l	96
45) 1,2-Dichloropropane	7.51	63	129626	18.798	ug/l	98
46) Dibromomethane	7.65	93	84166	17.877	ug/l	99
47) Bromodichloromethane	7.89	83	166456	18.749	ug/l	93
48) Methyl methacrylate	7.76	41	153475	18.391	ug/l	98
49) 1,4-Dioxane	7.73	88	60246	315.245	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1000972	91.262	ug/l	99
52) Toluene	8.78	92	302990	18.063	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	180238	18.565	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	199979	18.415	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	130625	18.788	ug/l	99
56) Ethyl methacrylate	9.17	69	207128	18.468	ug/l	97
57) 1,3-Dichloropropane	9.37	76	217608	18.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	461991	97.183	ug/l	100
59) 2-Hexanone	9.48	43	768102	90.622	ug/l	99
60) Dibromochloromethane	9.58	129	132546	18.641	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131831	17.857	ug/l	99
64) Tetrachloroethene	9.33	164	113762	17.737	ug/l	96
65) Chlorobenzene	10.14	112	329995	18.192	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	124362	18.672	ug/l	99
67) Ethyl Benzene	10.24	91	568943	18.174	ug/l	100
68) m/p-Xylenes	10.35	106	434457	36.695	ug/l	99
69) o-Xylene	10.70	106	212684	18.348	ug/l	98
70) Styrene	10.71	104	362691	18.718	ug/l	100
71) Bromoform	10.85	173	100055	18.367	ug/l #	98
73) Isopropylbenzene	11.01	105	565457	18.911	ug/l	100
74) N-amyl acetate	10.89	43	266814	19.243	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	208682	19.131	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191002m	20.852	ug/l	
77) Bromobenzene	11.25	156	147547	18.510	ug/l	98
78) n-propylbenzene	11.35	91	635077	19.067	ug/l	100
79) 2-Chlorotoluene	11.42	91	380318	18.952	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	474150	19.038	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62104	17.451	ug/l	98
82) 4-Chlorotoluene	11.51	91	439196	18.696	ug/l	99
83) tert-Butylbenzene	11.77	119	480124	19.150	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	469083	18.775	ug/l	97
85) sec-Butylbenzene	11.94	105	545211	18.922	ug/l	100
86) p-Isopropyltoluene	12.06	119	509672	19.209	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	265844	18.710	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	266758	18.427	ug/l	99
89) n-Butylbenzene	12.38	91	434557	18.770	ug/l	99
90) Hexachloroethane	12.59	117	86254	18.246	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	267705	18.849	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44037	16.570	ug/l	98

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Misc : 5.00G/10ML/100UL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

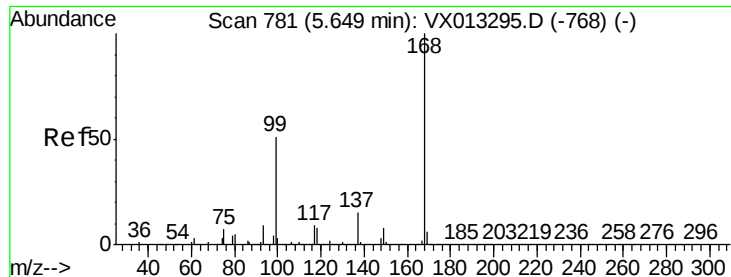
Manual Integrations
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MMDadoda
12/4/2019 11:02:30 AM

Quant Time: Nov 25 15:44:31 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	188120	18.988	ug/l	99
94) Hexachlorobutadiene	13.77	225	86095	17.763	ug/l	100
95) Naphthalene	13.83	128	593376	19.090	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	190423	19.166	ug/l	99

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



#1

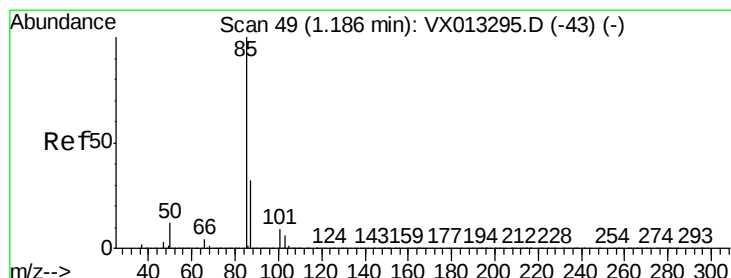
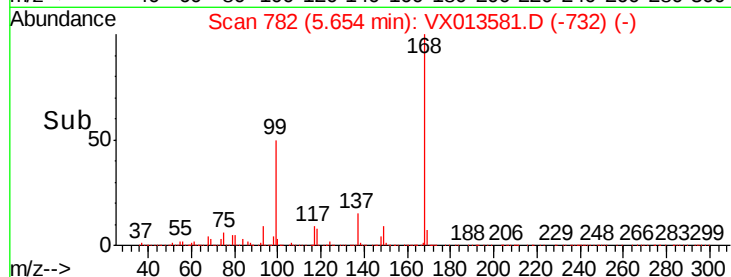
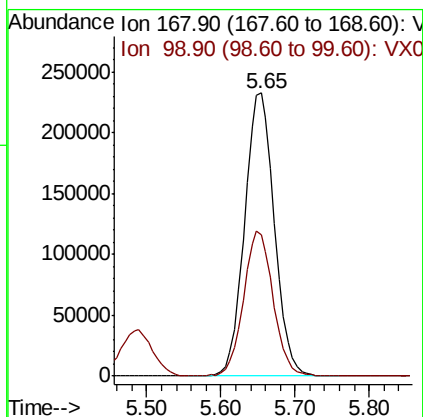
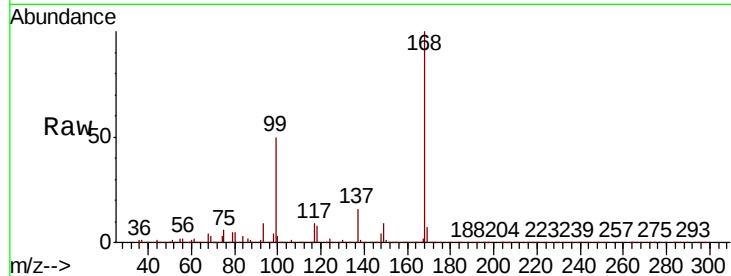
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.6	40.8	61.2

Manual Integrations
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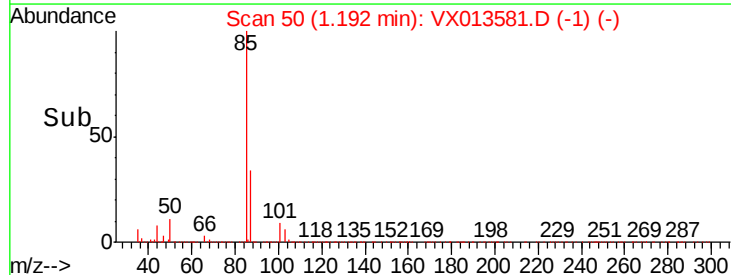
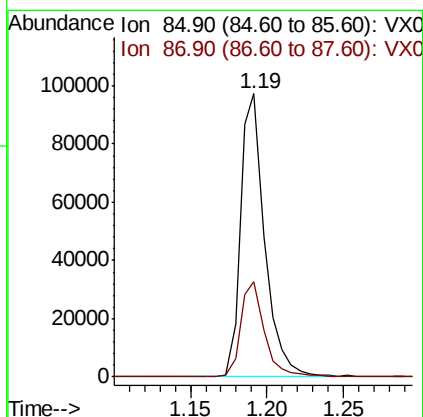
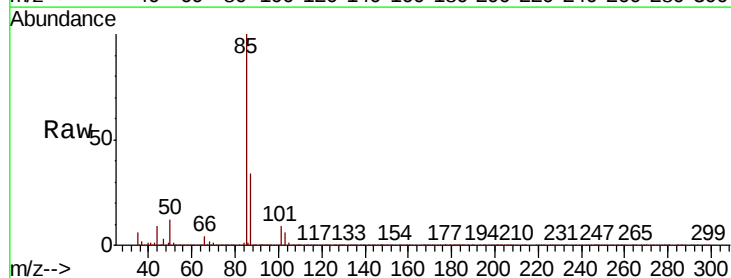
MMDadoda
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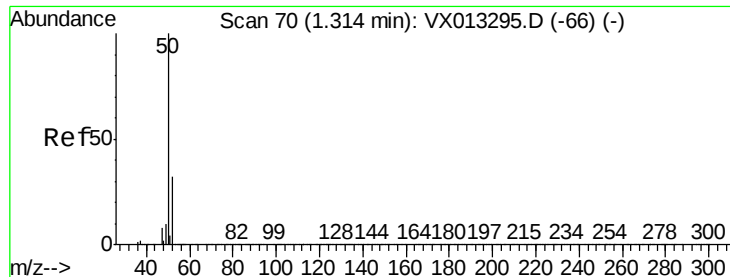


#2

Dichlorodifluoromethane
Concen: 14.143 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.5	15.9	47.6





#3

Chloromethane

Concen: 15.342 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBSD01

Tot Ion: 50 Resp: 125198

Ion Ratio Lower Upper

50 100

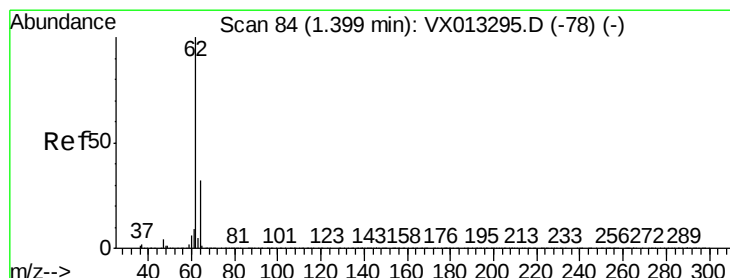
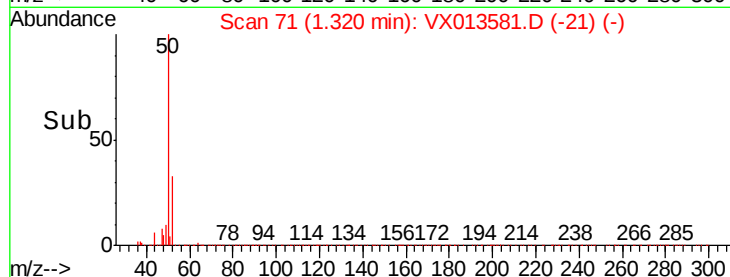
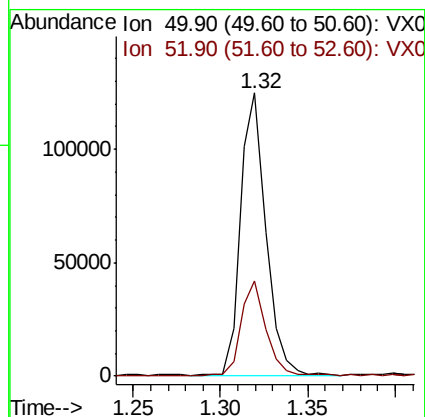
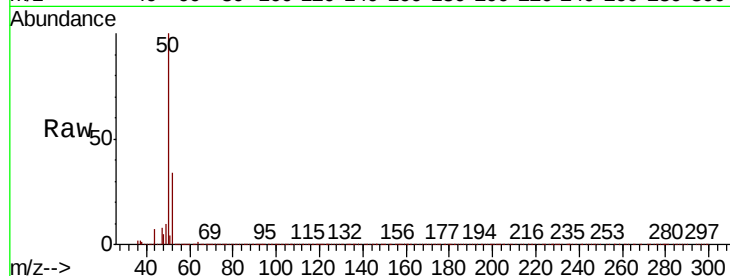
52 33.4 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.874 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013581.D

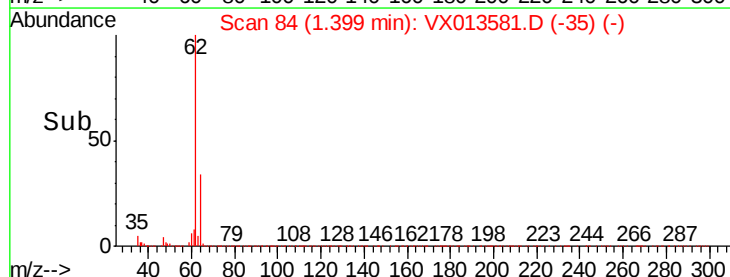
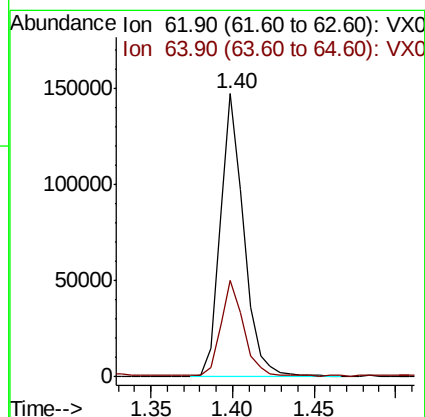
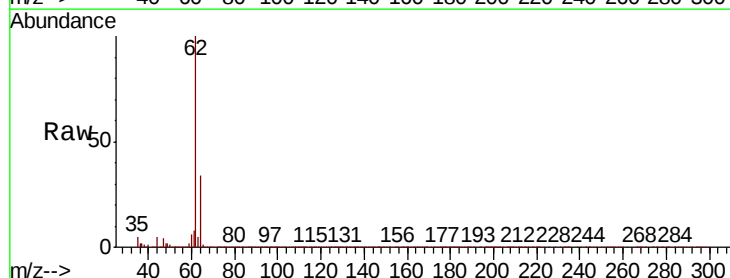
Acq: 25 Nov 2019 15:14

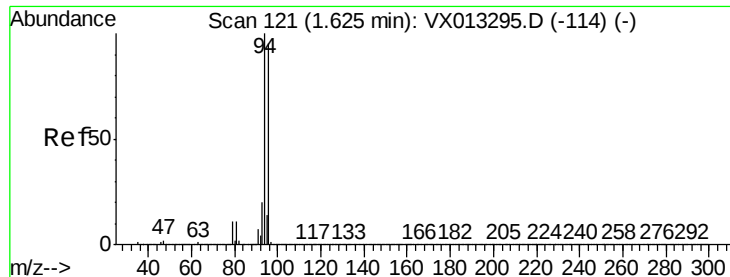
Tgt Ion: 62 Resp: 147476

Ion Ratio Lower Upper

62 100

64 33.7 25.6 38.4





#5

Bromomethane

Concen: 13.537 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBS01

Tot Ion: 94 Resp: 87638

Ion Ratio Lower Upper

94 100

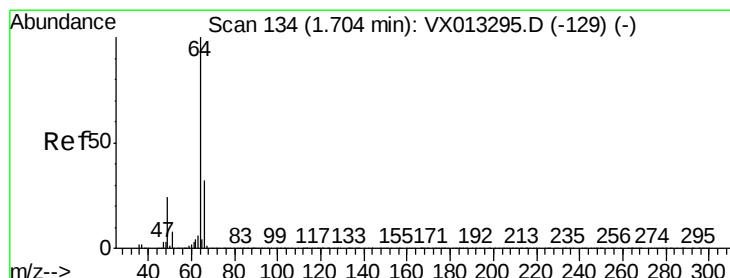
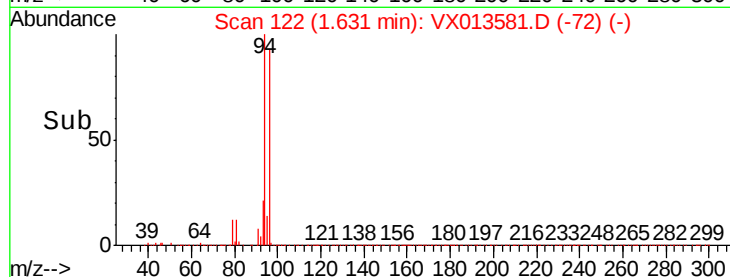
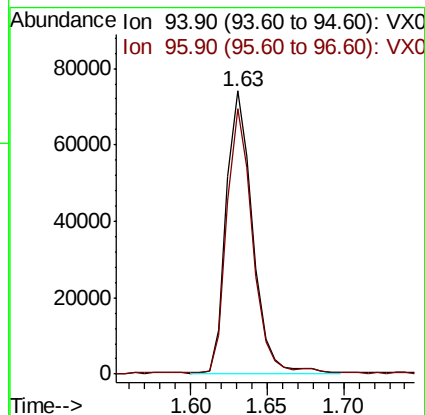
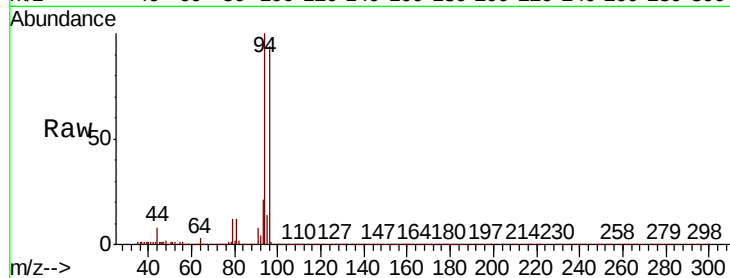
96 93.5 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 15.206 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013581.D

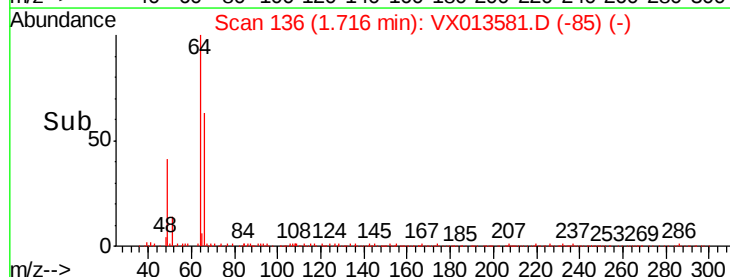
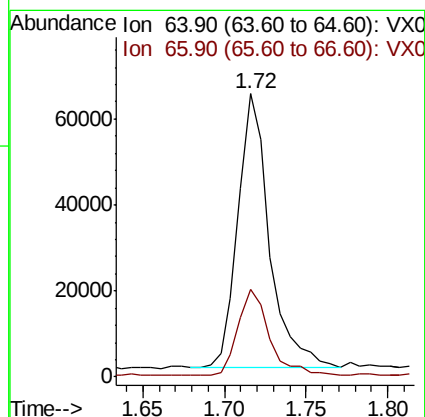
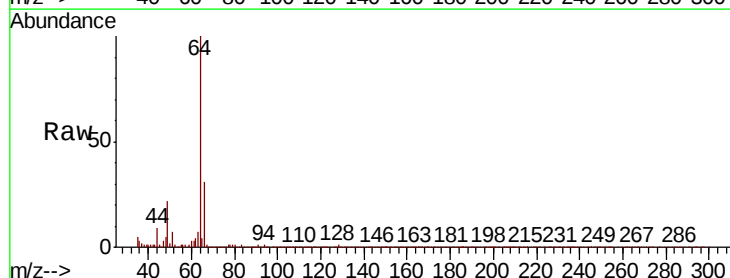
Acq: 25 Nov 2019 15:14

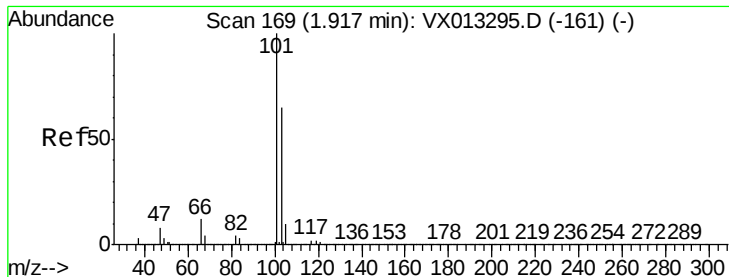
Tgt Ion: 64 Resp: 85155

Ion Ratio Lower Upper

64 100

66 31.7 25.6 38.4





#7

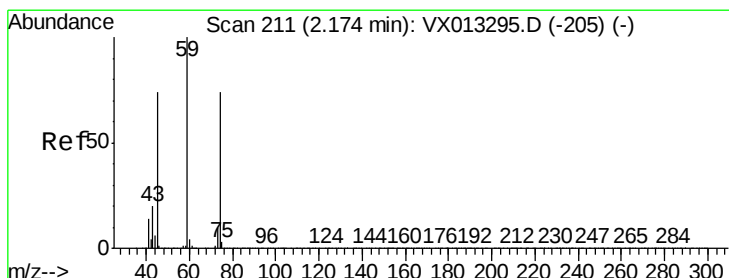
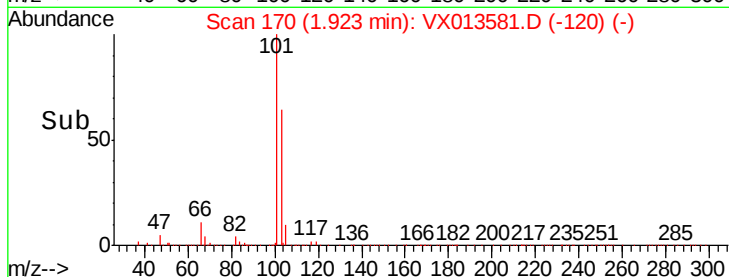
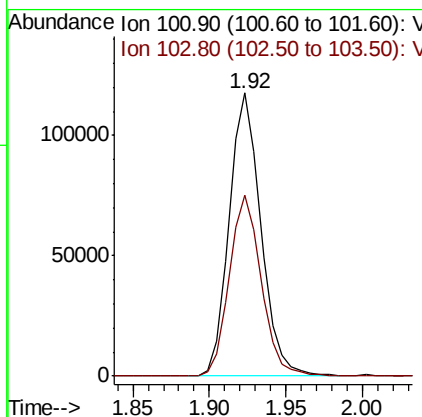
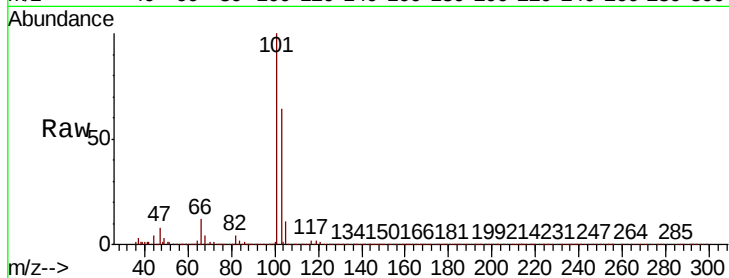
Trichlorofluoromethane
Concen: 15.331 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampled :
VX1125MBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.3	78.5

Manual Integrations
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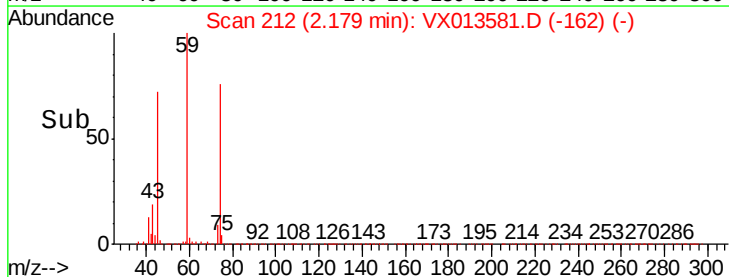
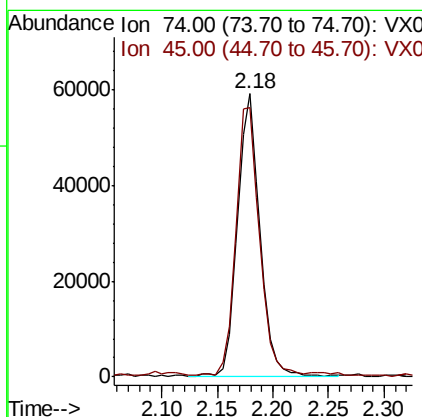
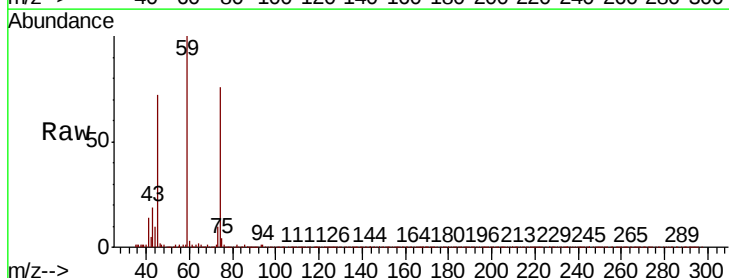
MMDadoda
12/4/2019 11:02:30 AM

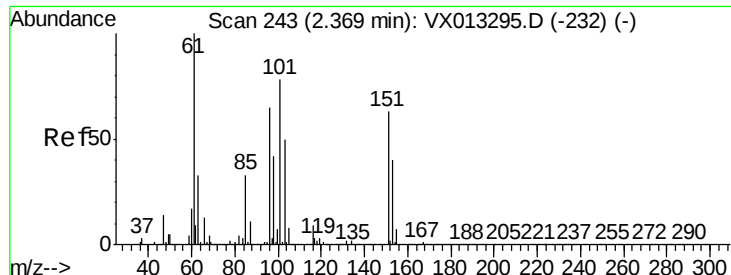


#8

Diethyl Ether
Concen: 16.804 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.4	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.168 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

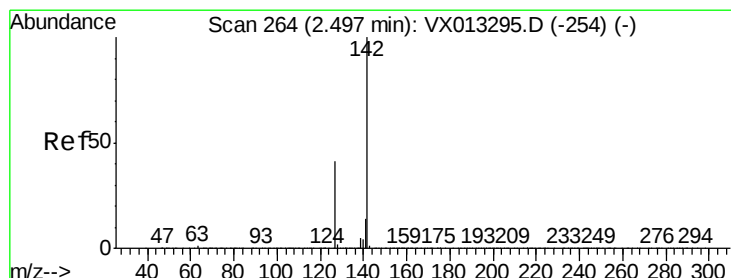
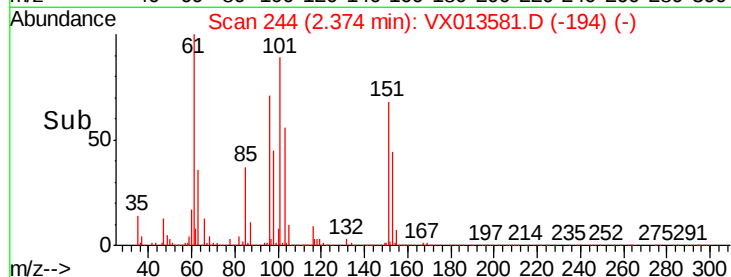
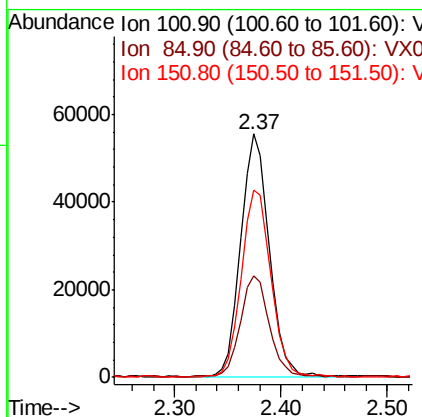
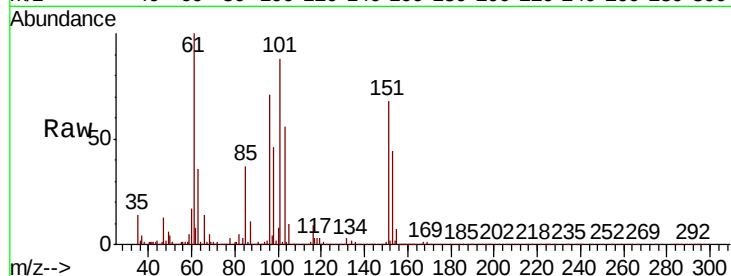
ClientSampleId :

VX1125MBSD01

Tot Ion:	101	Resp:	105026
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.4	51.6
151	79.9	66.4	99.6

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#10

Methyl Iodide

Concen: 15.097 ug/l

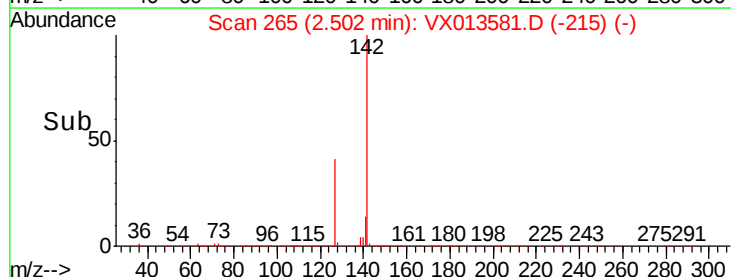
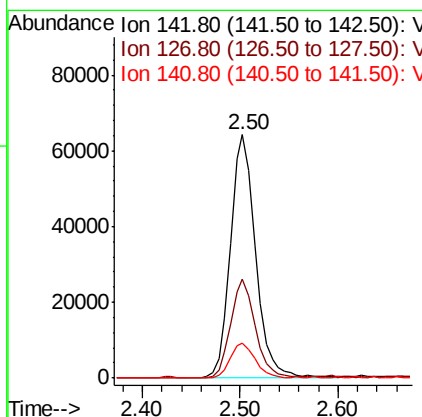
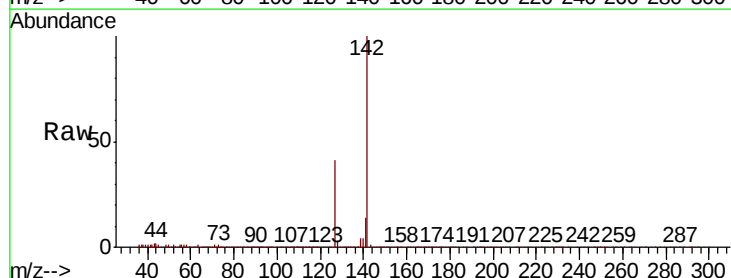
RT: 2.50 min Scan# 265

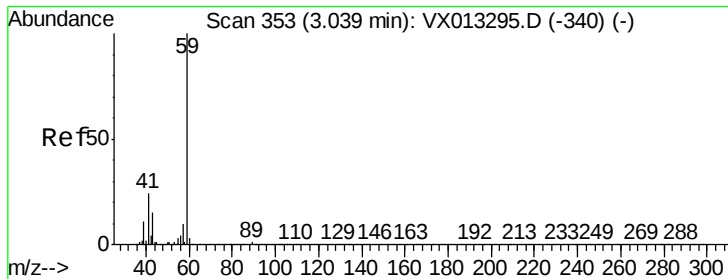
Delta R.T. 0.01 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Tgt Ion:	142	Resp:	114346
Ion Ratio	Lower	Upper	
142	100		
127	40.1	32.6	49.0
141	14.1	11.6	17.4





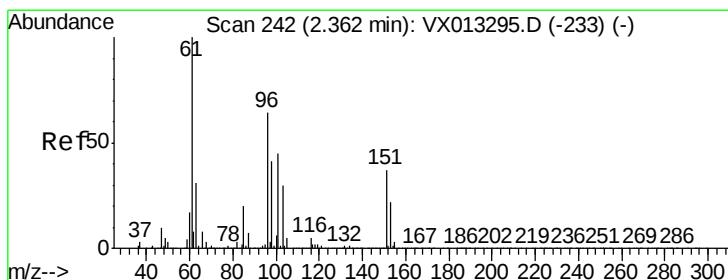
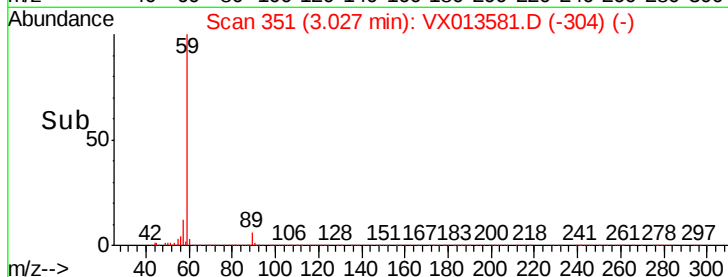
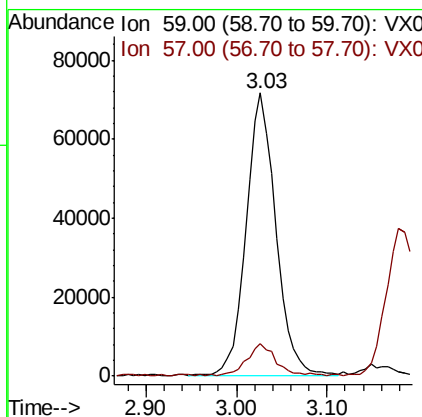
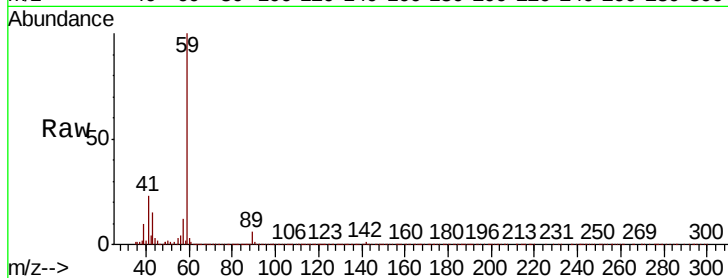
#11
Tert butyl alcohol
Concen: 79.198 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.0	12.0

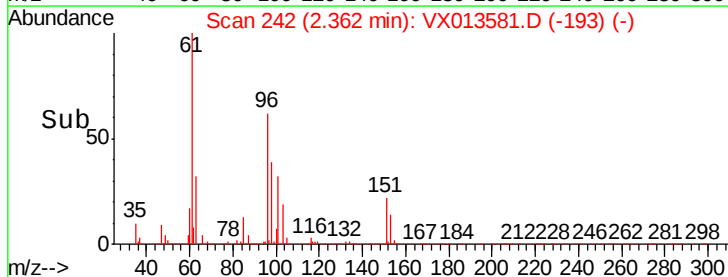
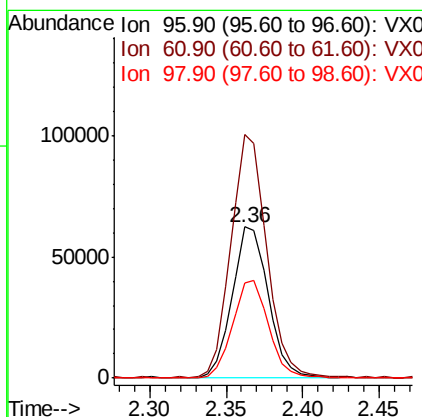
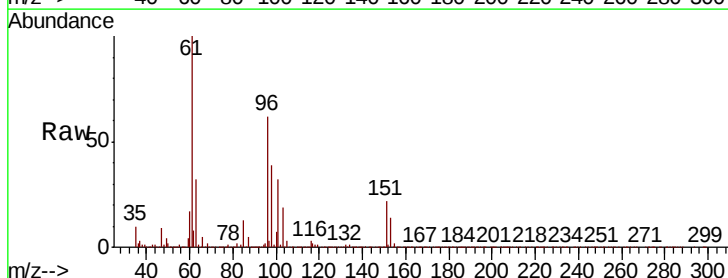
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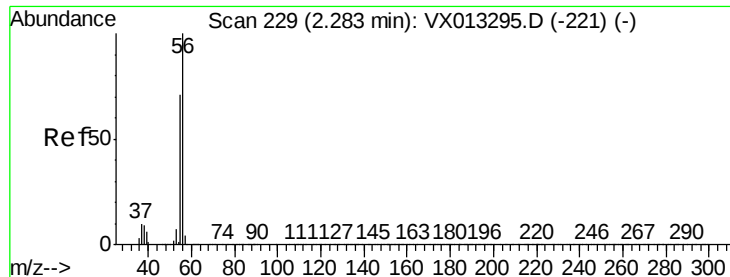
MMDadoda
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#12
1,1-Dichloroethene
Concen: 16.901 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.8	125.0	187.6
98	63.0	50.7	76.1





#13

Acrolein

Concen: 131.906 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBSD01

Tot Ion: 56 Resp: 145788

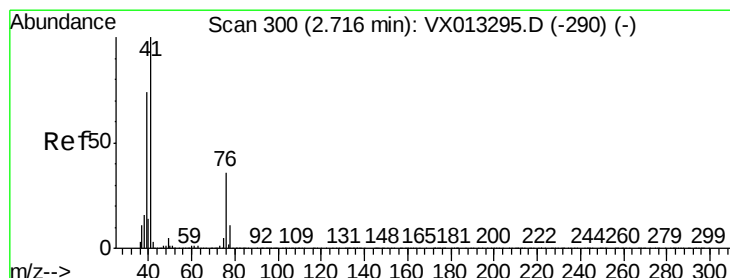
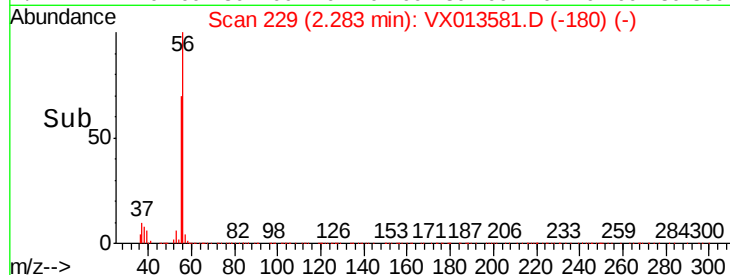
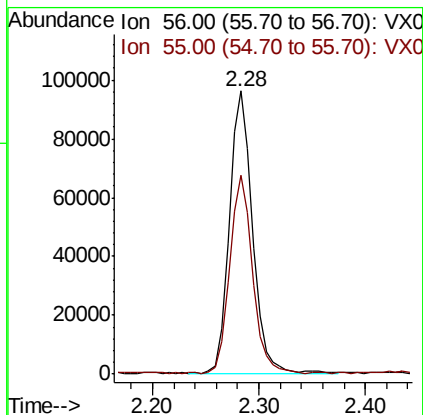
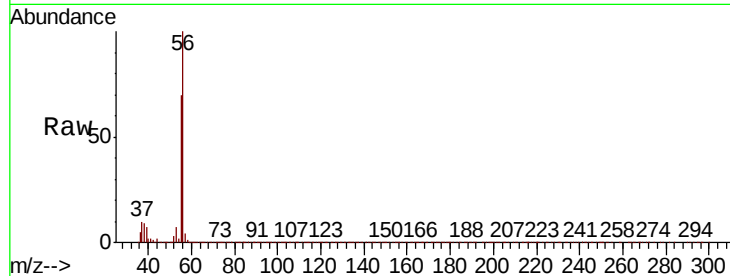
Ion Ratio Lower Upper

56 100

55 69.0 57.4 86.0

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#14

Allyl chloride

Concen: 18.080 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

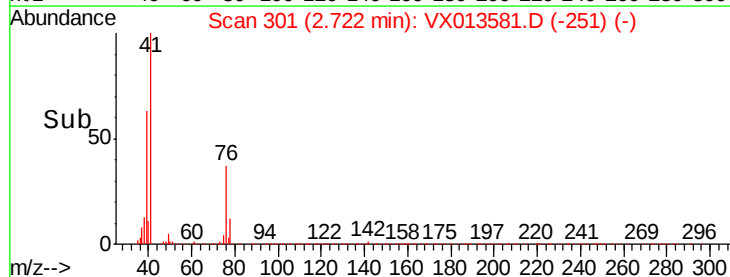
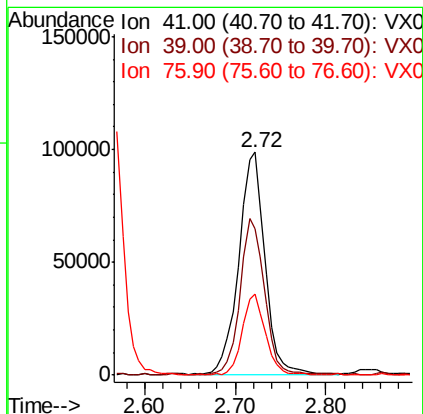
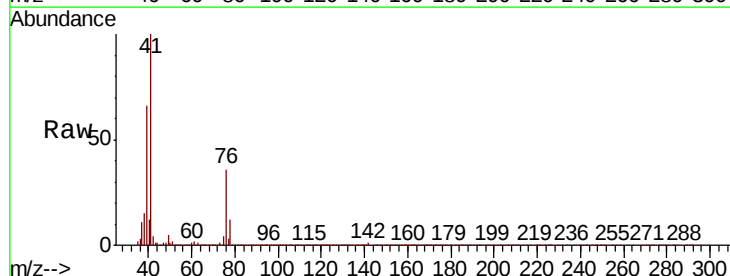
Tgt Ion: 41 Resp: 196803

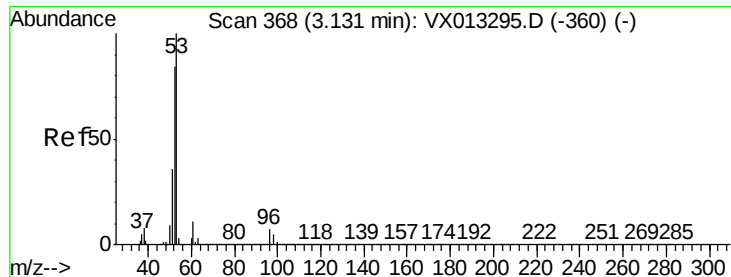
Ion Ratio Lower Upper

41 100

39 65.1 55.8 83.8

76 31.7 26.4 39.6





#15

Acrylonitrile

Concen: 94.033 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

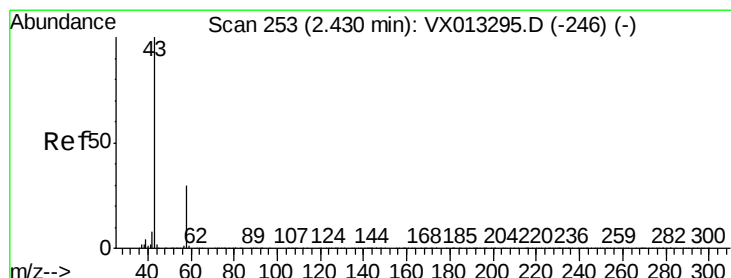
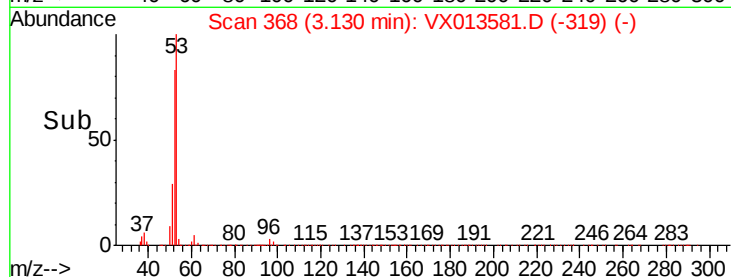
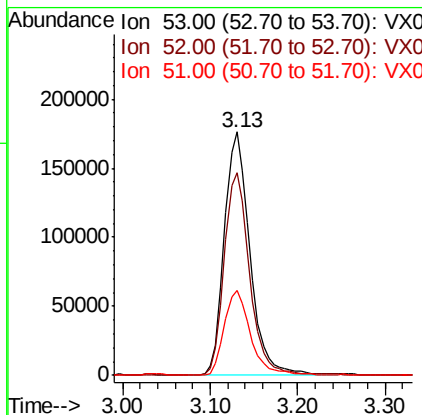
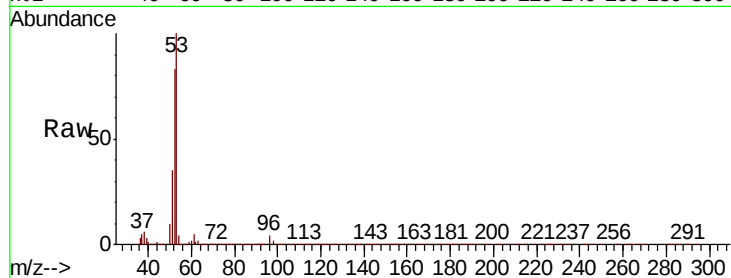
ClientSampleId :

VX1125MBSD01

Tot Ion:	53	Resp:	358201
Ion Ratio		Lower	Upper
53	100		
52	83.5	67.4	101.0
51	35.3	29.4	44.2

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#16

Acetone

Concen: 86.190 ug/l

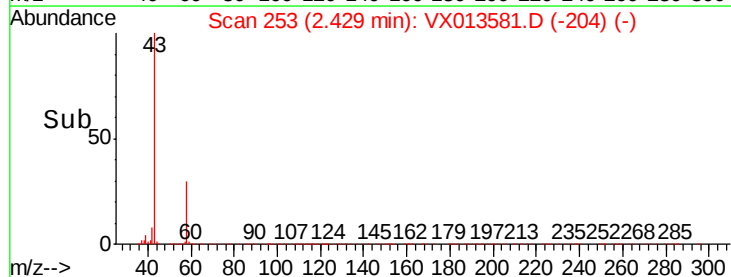
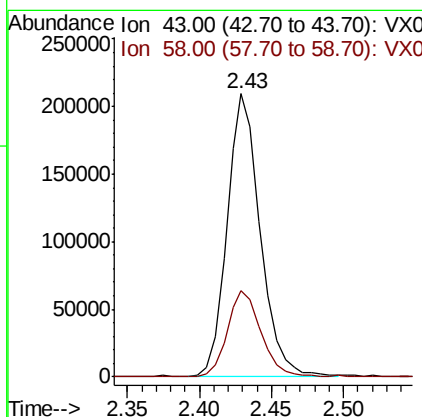
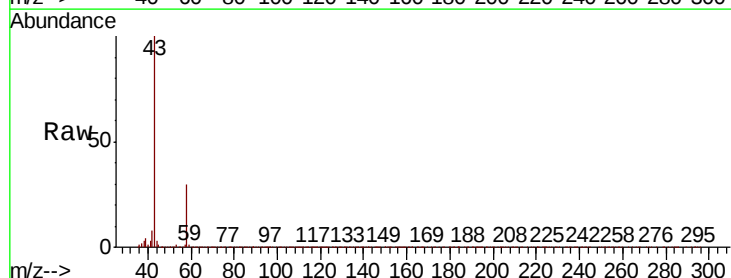
RT: 2.43 min Scan# 253

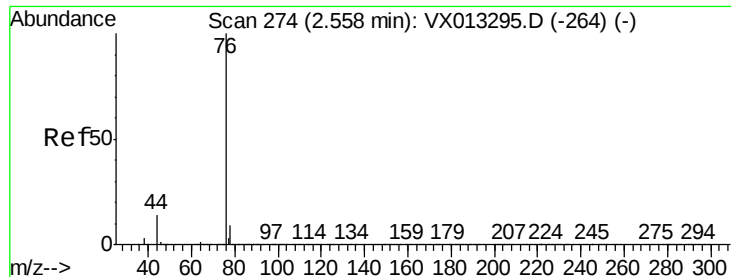
Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Tgt Ion:	43	Resp:	332628
Ion Ratio		Lower	Upper
43	100		
58	30.2	24.3	36.5





#17

Carbon Disulfide

Concen: 14.461 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBSD01

Tot Ion: 76 Resp: 231870

Ion Ratio Lower Upper

76 100

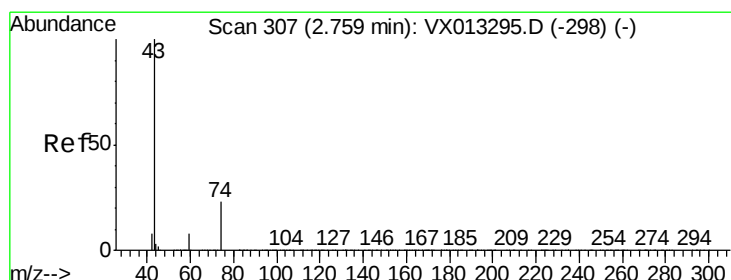
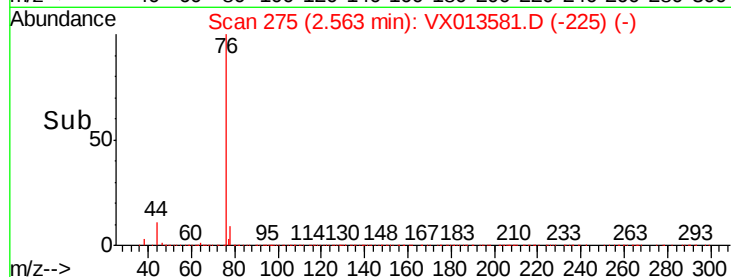
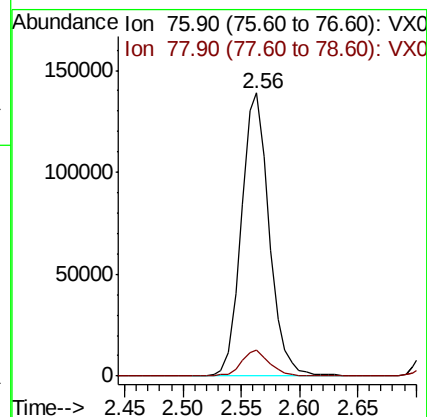
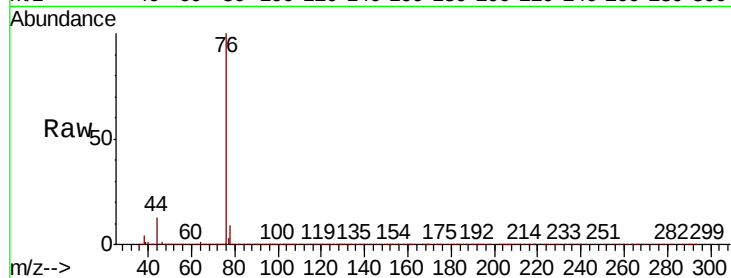
78 8.8 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 19.608 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013581.D

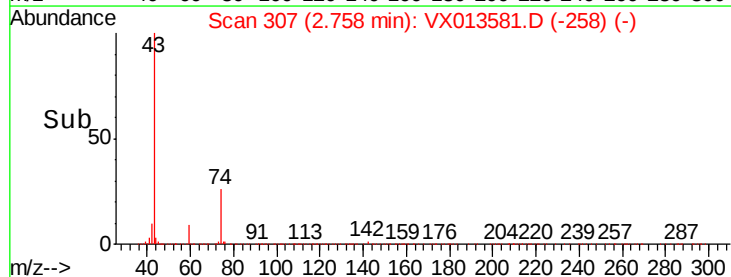
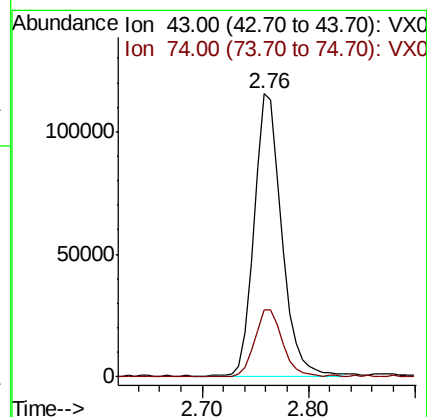
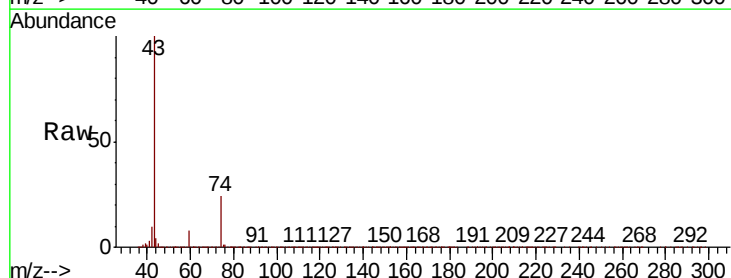
Acq: 25 Nov 2019 15:14

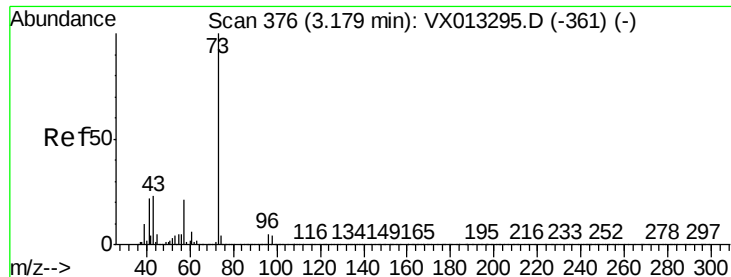
Tgt Ion: 43 Resp: 208912

Ion Ratio Lower Upper

43 100

74 24.7 19.0 28.6





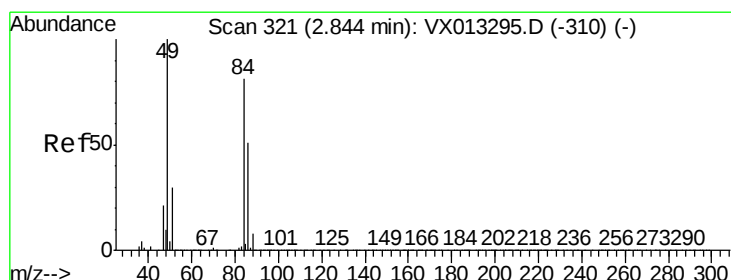
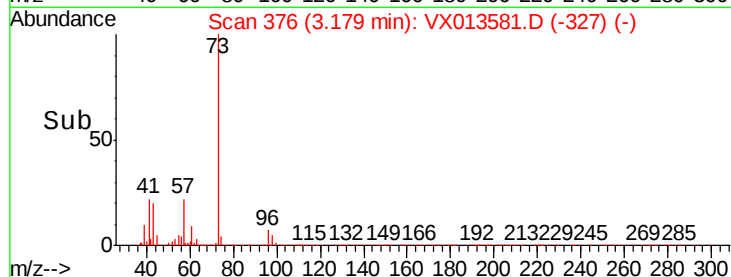
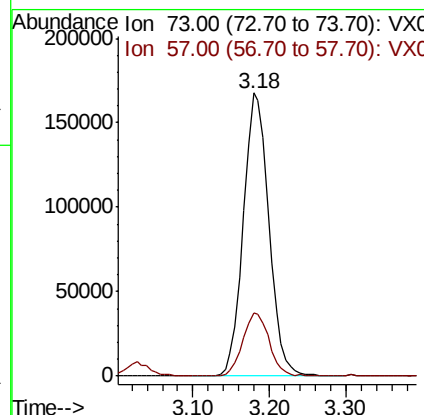
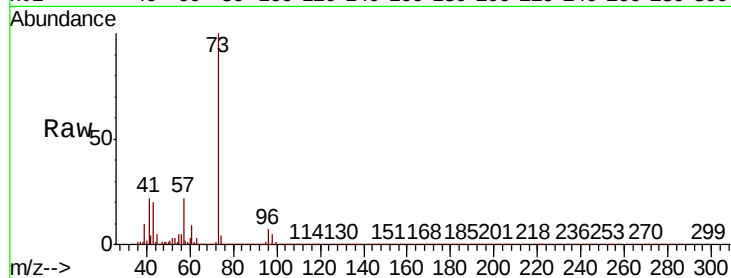
#19
Methvl tert-butvl Ether
Concen: 19.502 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.1	25.7

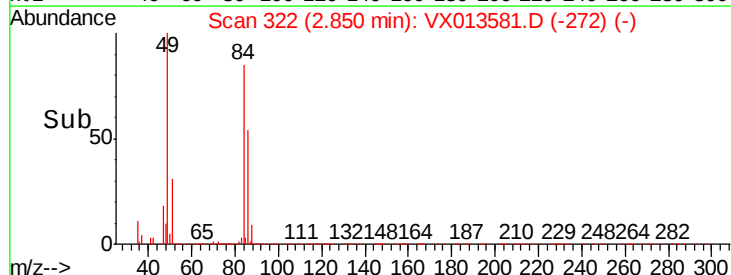
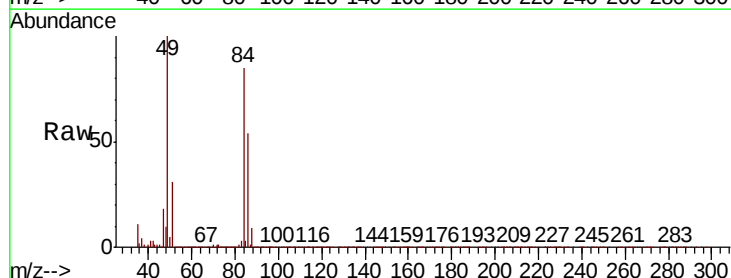
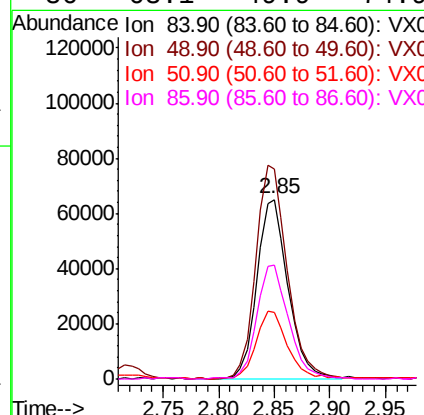
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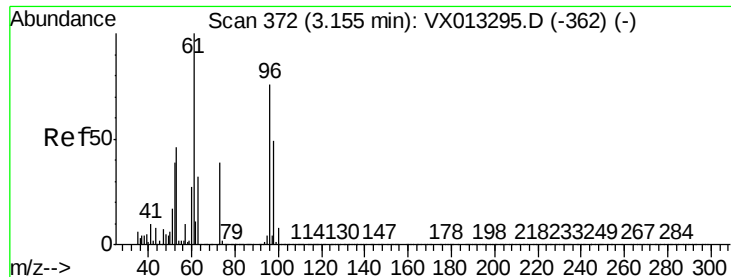
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#20
Methylene Chloride
Concen: 17.909 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.2	98.2	147.4
51	36.7	29.9	44.9
86	63.1	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 16.925 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

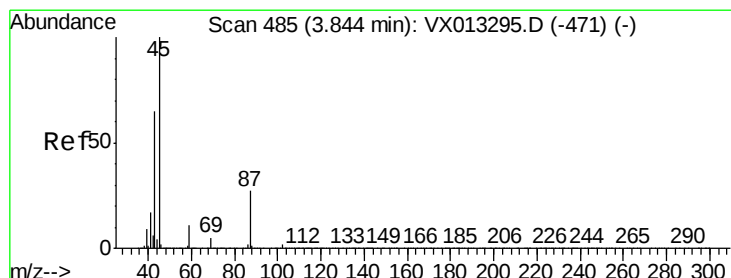
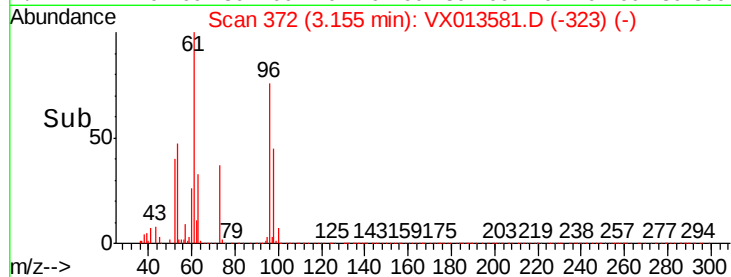
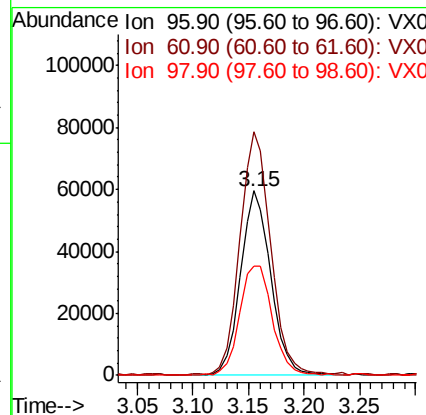
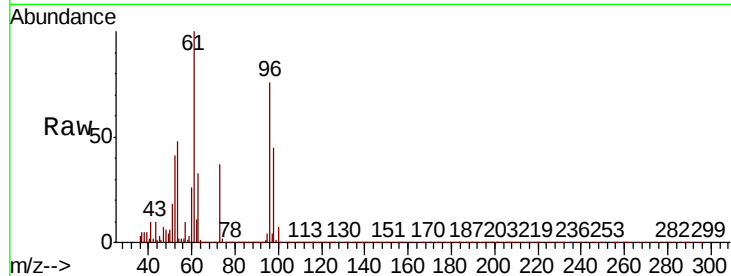
ClientSampleId :

VX1125MBS01

Tot Ion:	96	Resp:	110400
Ion	Ratio	Lower	Upper
96	100		
61	131.6	105.8	158.6
98	59.2	51.8	77.6

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#22

Diisopropyl ether

Concen: 19.675 ug/l

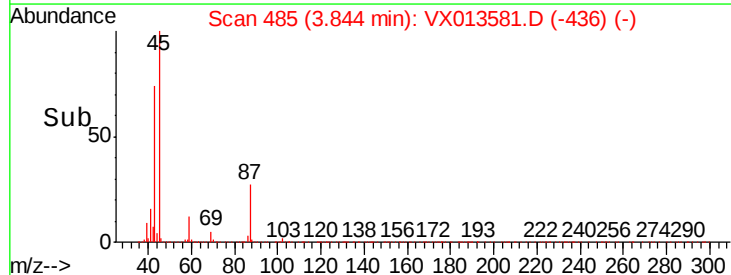
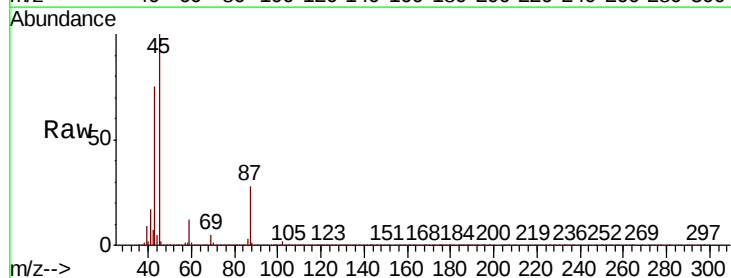
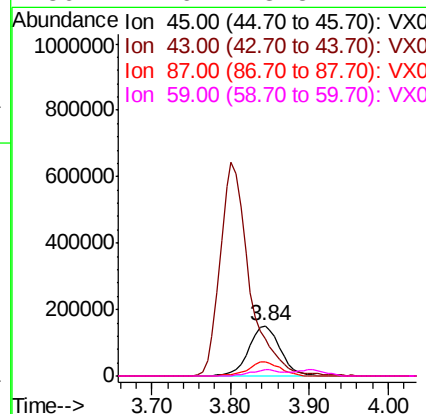
RT: 3.84 min Scan# 485

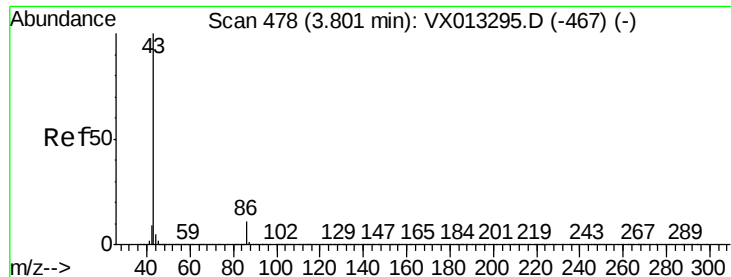
Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Tgt Ion:	45	Resp:	413455
Ion	Ratio	Lower	Upper
45	100		
43	74.4	54.2	81.2
87	27.5	21.8	32.8
59	11.6	8.5	12.7





#23

Vinyl Acetate

Concen: 92.890 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBSD01

Tot Ion: 43 Resp: 1670351

Ion Ratio Lower Upper

43 100

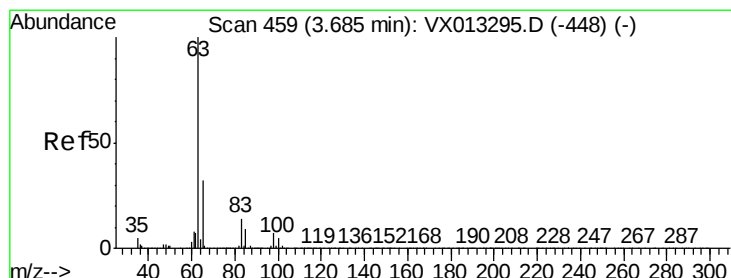
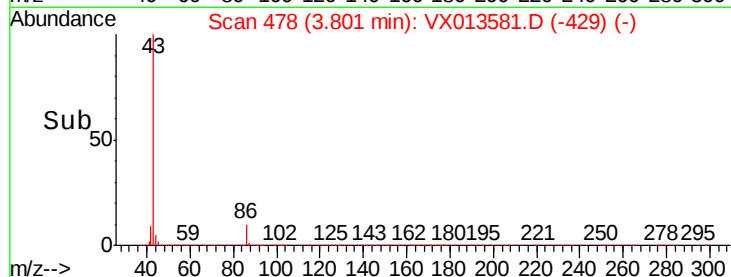
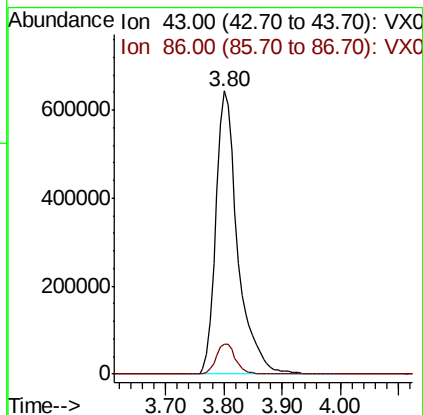
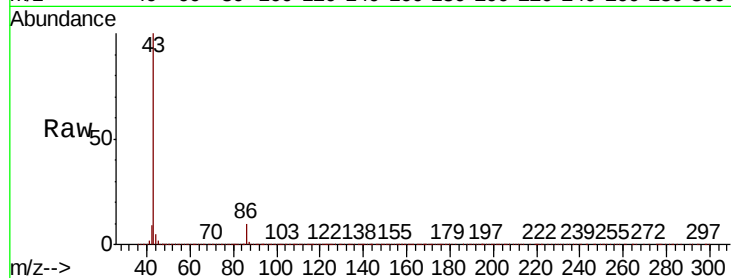
86 10.3 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 18.744 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

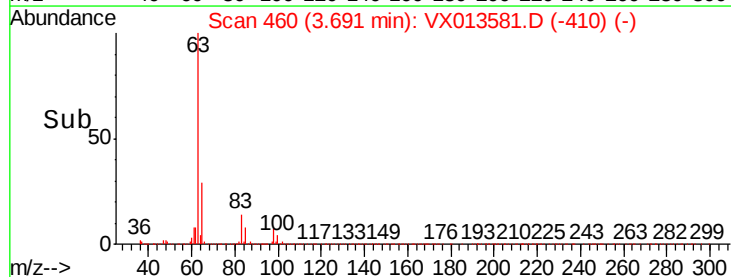
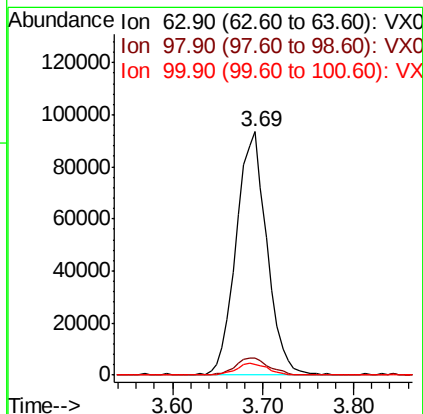
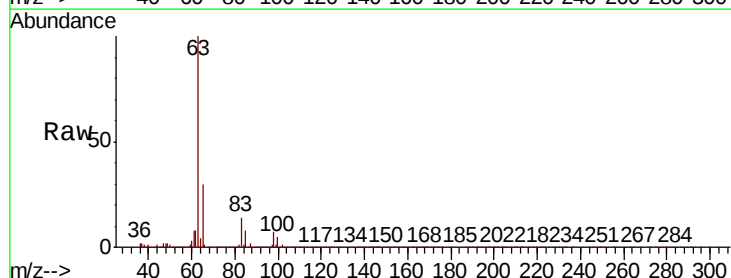
Tgt Ion: 63 Resp: 220346

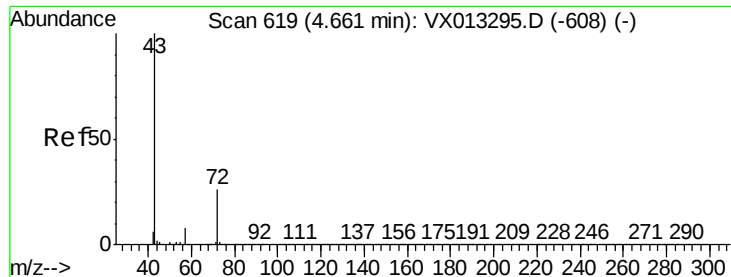
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 91.932 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBSD01

Tot Ion: 43 Resp: 520477

Ion Ratio Lower Upper

43 100

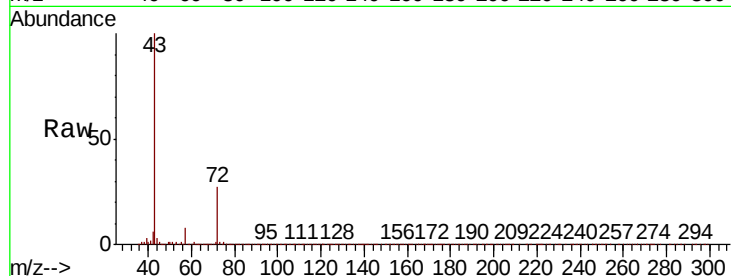
72 26.8 21.0 31.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

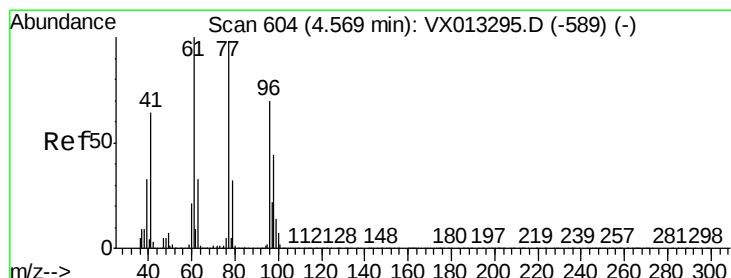
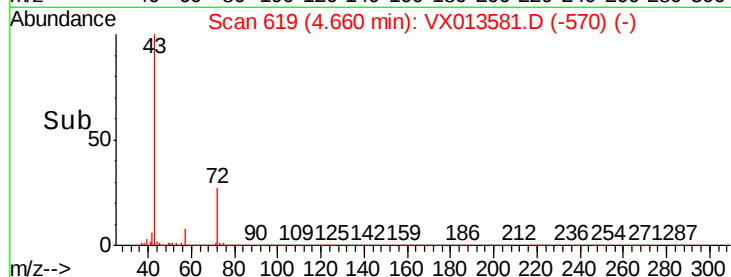
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.158 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013581.D

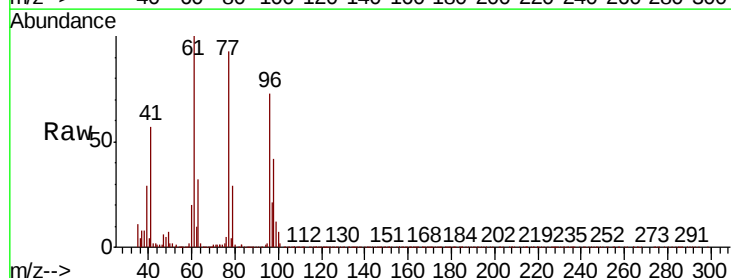
Acq: 25 Nov 2019 15:14

Tgt Ion: 77 Resp: 179163

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

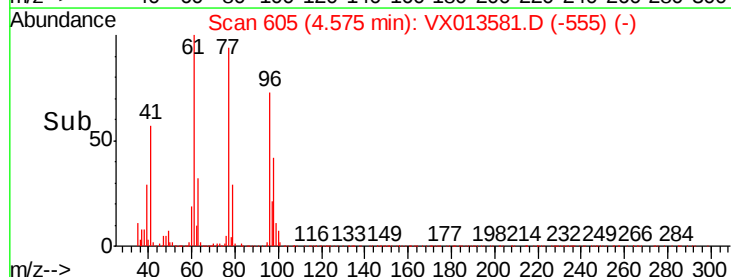
40000

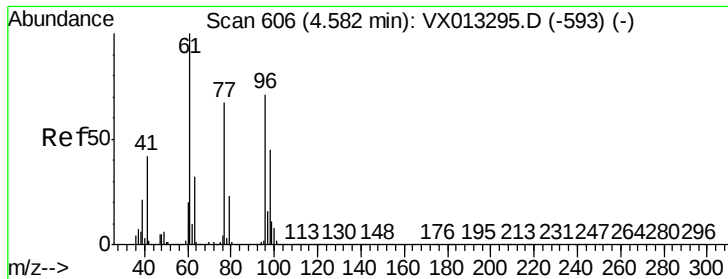
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

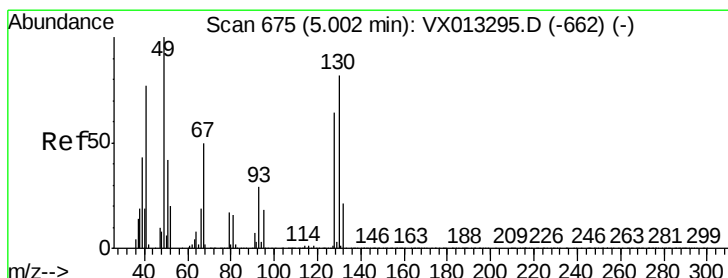
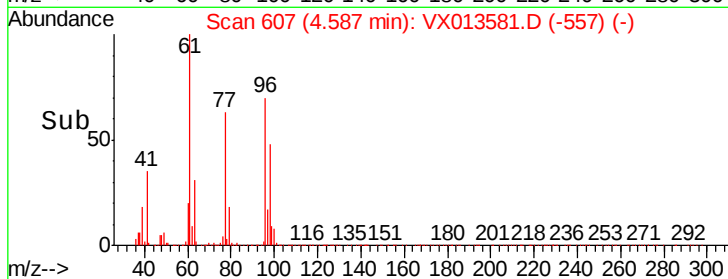
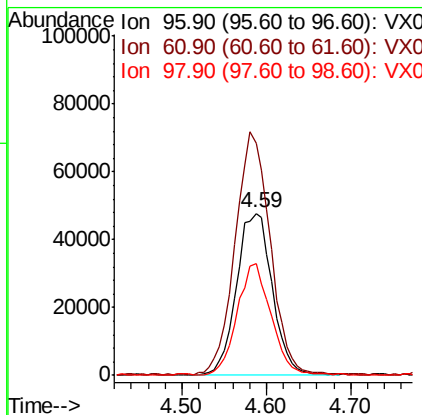
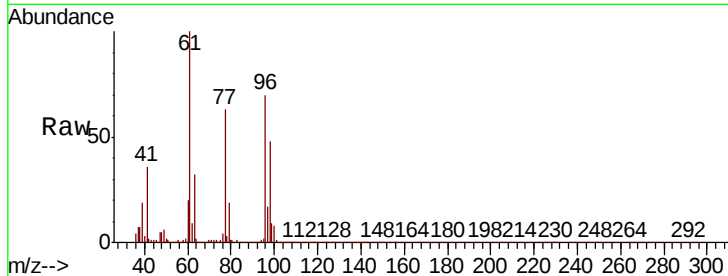
cis-1,2-Dichloroethene
Concen: 18.666 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	136391		
61	147.2	0.0	288.0	
98	64.6	0.0	129.6	

Manual Integrations
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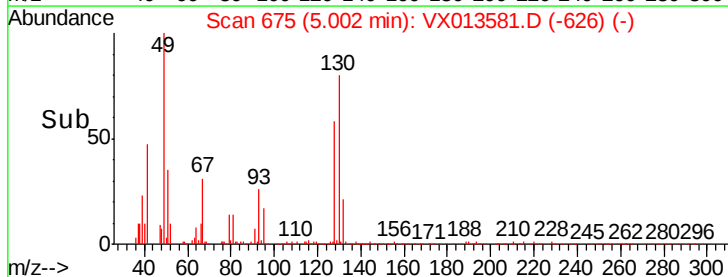
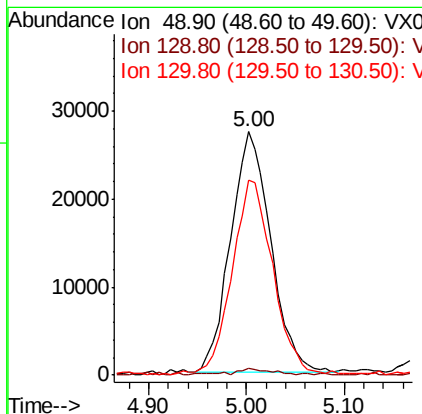
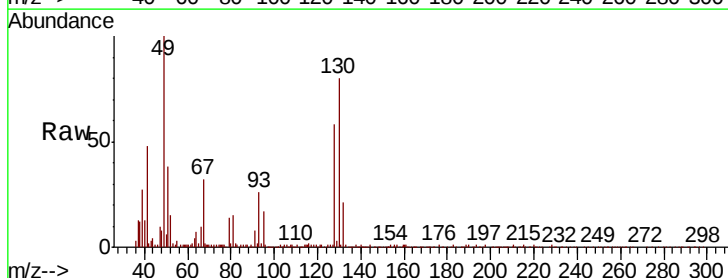
MMDadoda
12/4/2019 11:02:30 AM

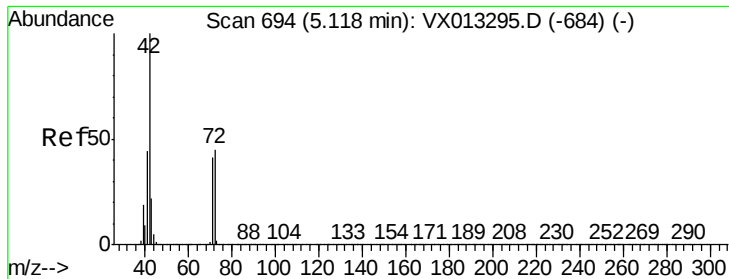


#28

Bromochloromethane
Concen: 23.435 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78222		
129	2.1	0.0	5.2	
130	81.1	63.8	95.6	





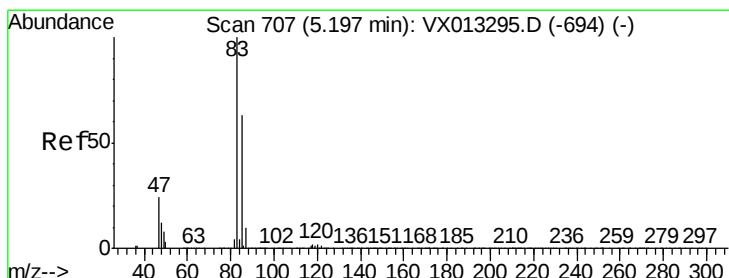
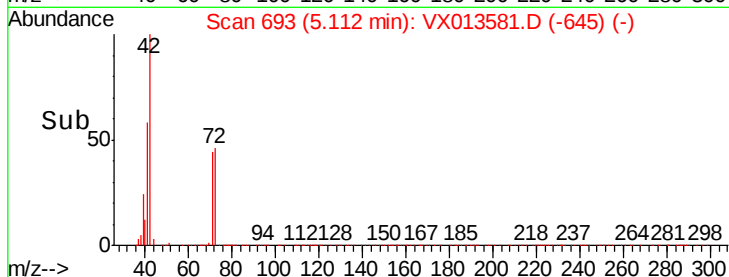
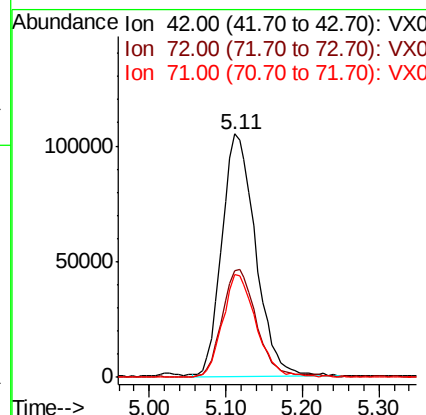
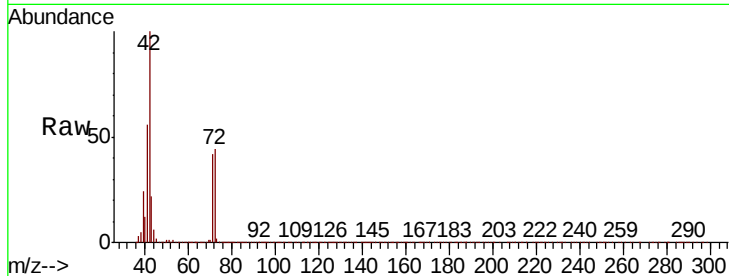
#29
Tetrahydrofuran
Concen: 91.559 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.8	53.8
71	41.7	33.4	50.0

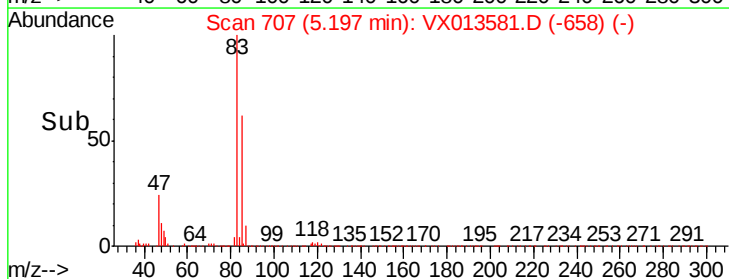
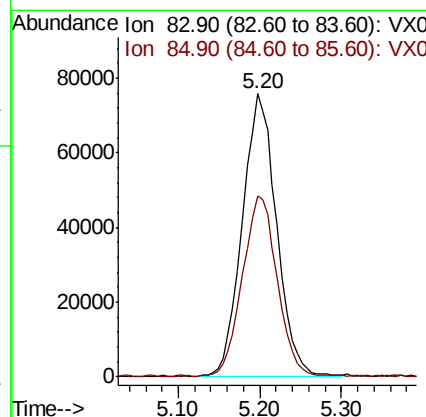
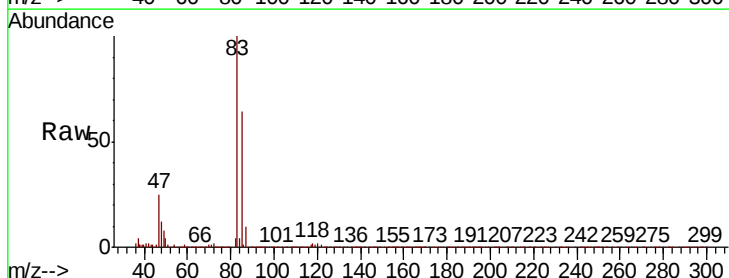
Manual Integrations
APPROVED

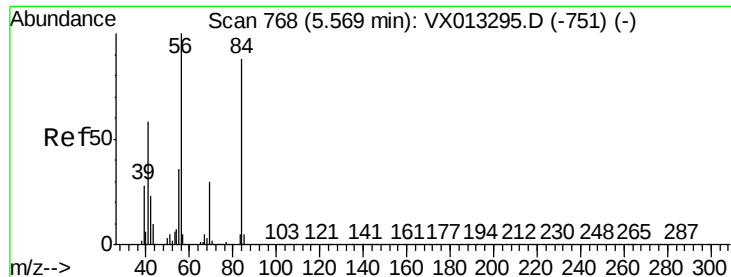
MMDadoda
12/4/2019 11:02:30 AM



#30
Chloroform
Concen: 18.872 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.2	75.4





#31

Cyclohexane

Concen: 16.122 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

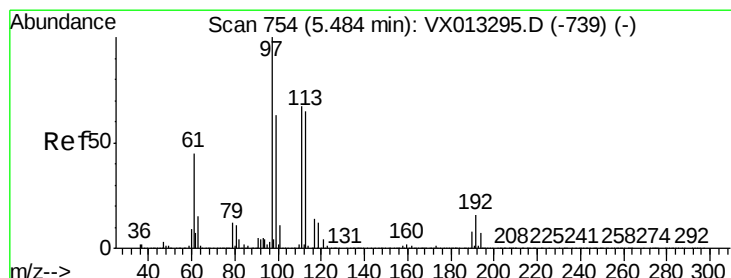
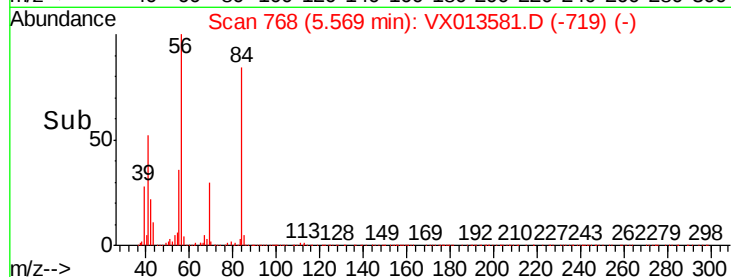
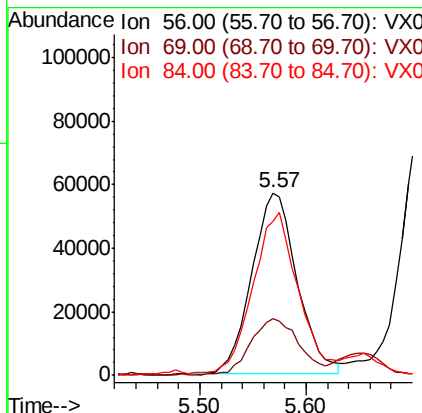
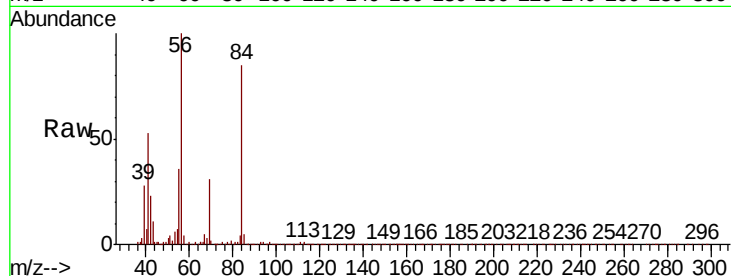
ClientSampleId :

VX1125MBSD01

Tot Ion:	56	Resp:	170535
Ion Ratio		Lower	Upper
56	100		
69	30.9	23.7	35.5
84	83.9	70.6	105.8

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#32

1,1,1-Trichloroethane

Concen: 17.772 ug/l

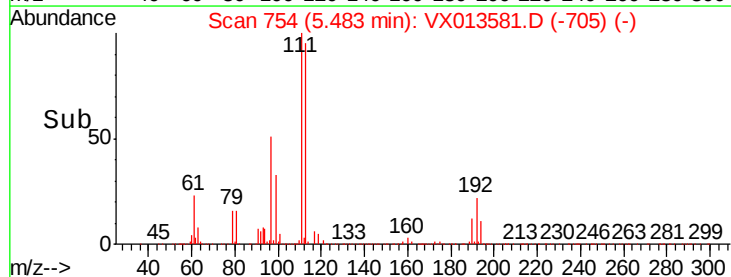
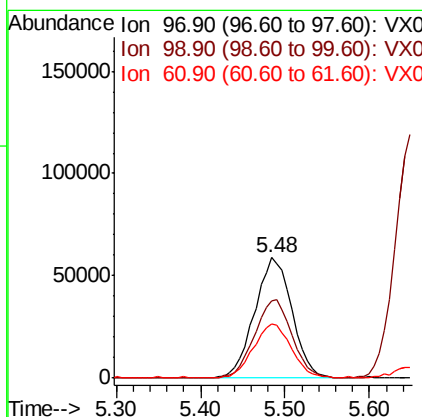
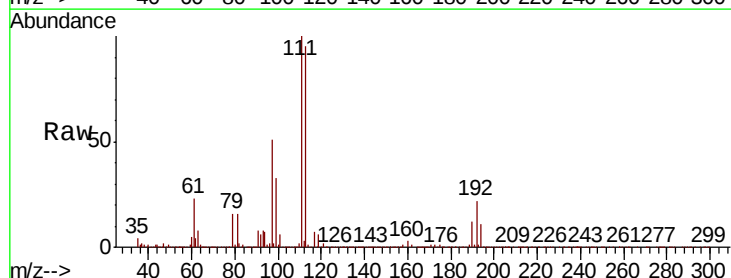
RT: 5.48 min Scan# 754

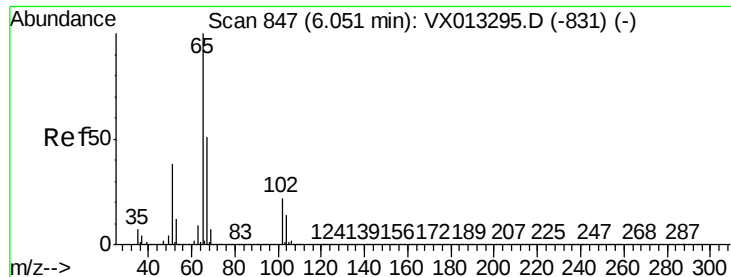
Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Tgt Ion:	97	Resp:	177541
Ion Ratio		Lower	Upper
97	100		
99	64.7	51.1	76.7
61	45.2	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 49.811 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBSD01

Tot Ion: 65 Resp: 385395

Ion Ratio Lower Upper

65 100

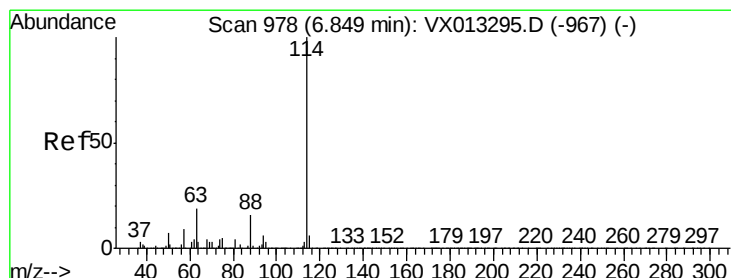
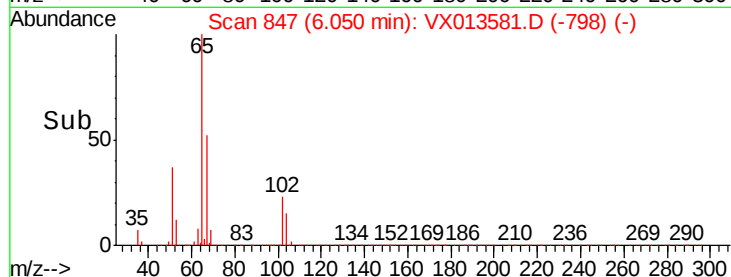
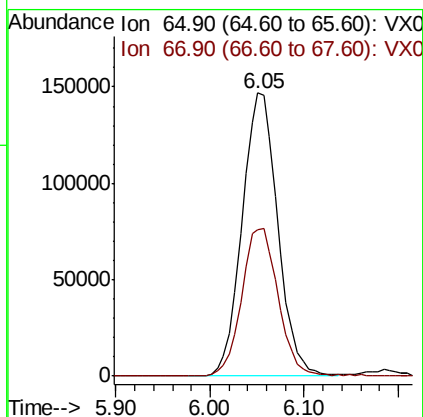
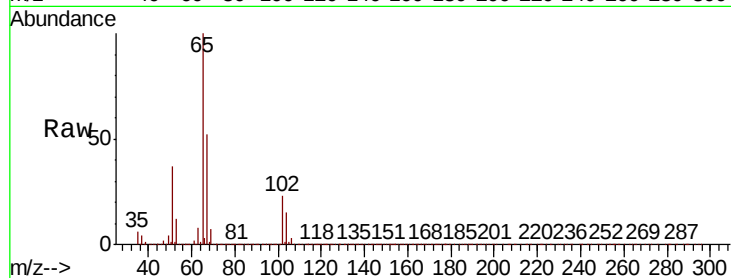
67 53.1 0.0 104.2

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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: VX013581.D

Acq: 25 Nov 2019 15:14

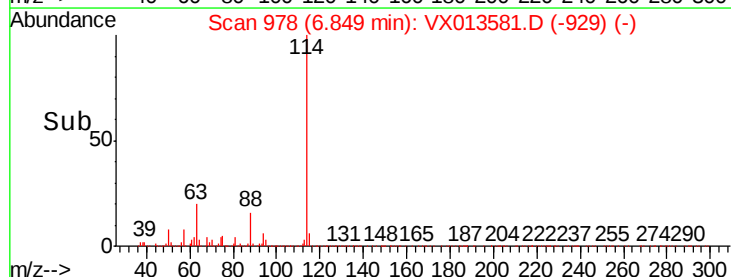
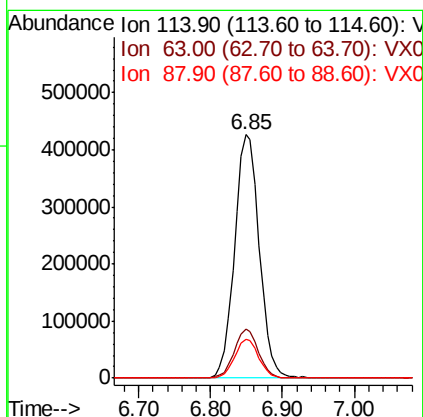
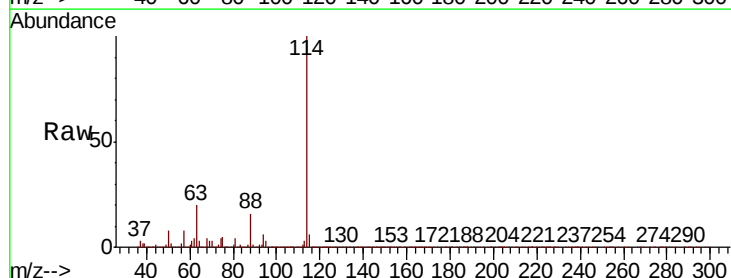
Tgt Ion: 114 Resp: 1012758

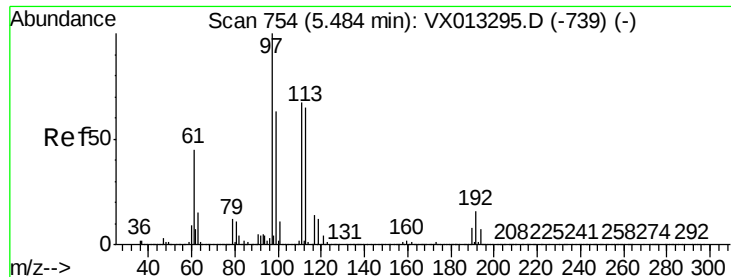
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.405 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

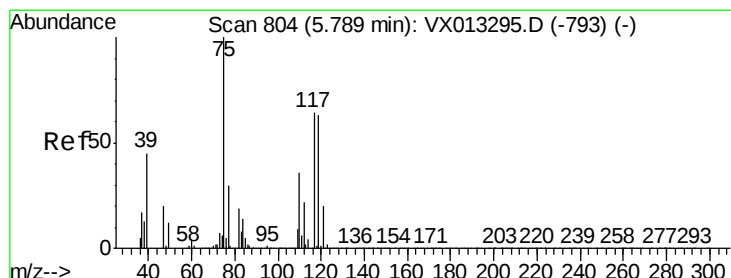
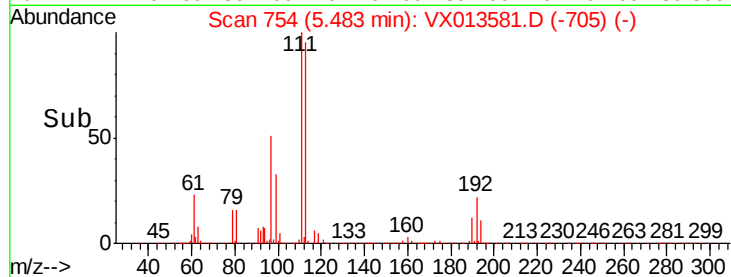
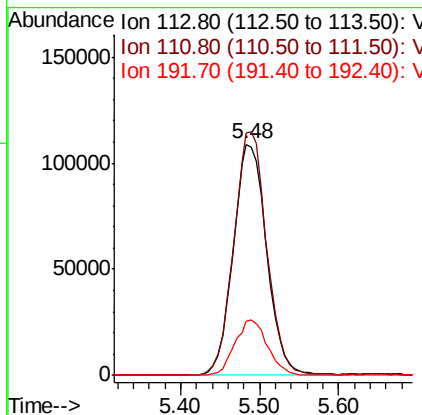
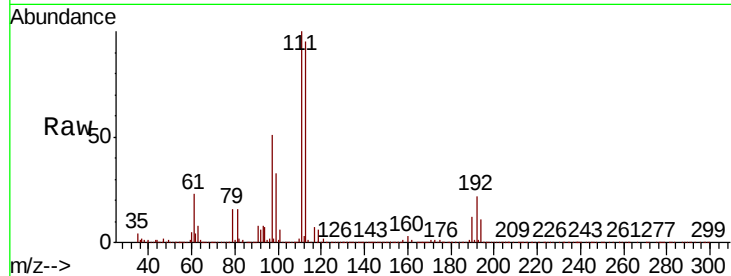
ClientSampleId :

VX1125MBSD01

Tot Ion:	113	Resp:	320181
Ion Ratio	Lower	Upper	
113	100		
111	103.8	81.9	122.9
192	23.6	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.131 ug/l

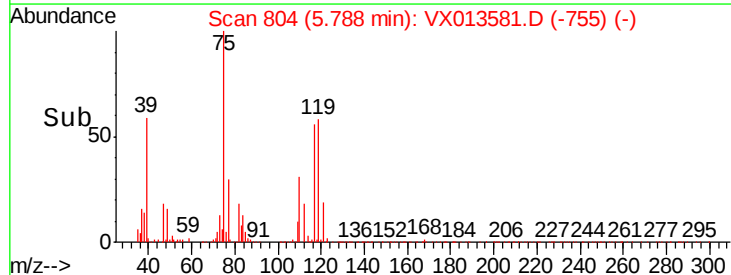
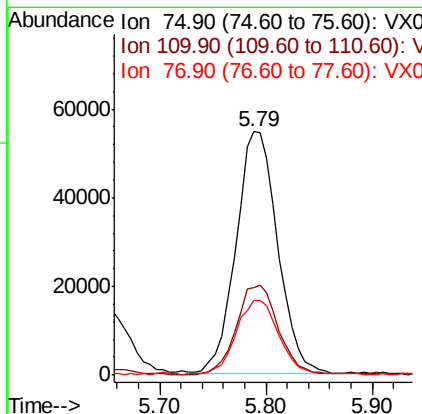
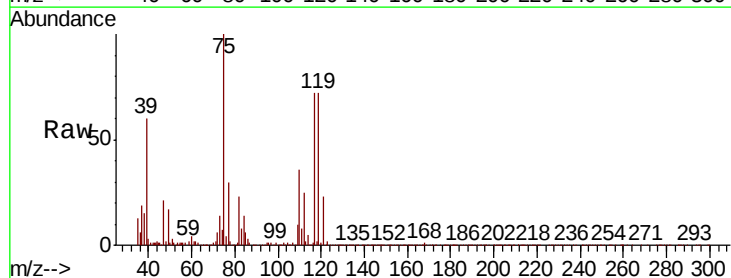
RT: 5.79 min Scan# 804

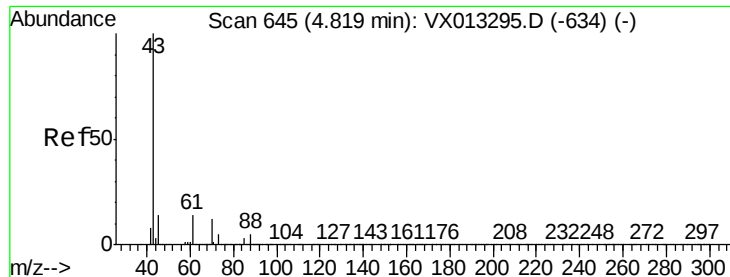
Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Tgt Ion:	75	Resp:	148836
Ion Ratio	Lower	Upper	
75	100		
110	37.6	18.1	54.1
77	31.5	25.0	37.4





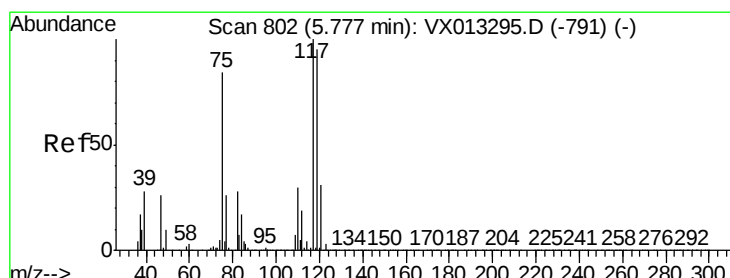
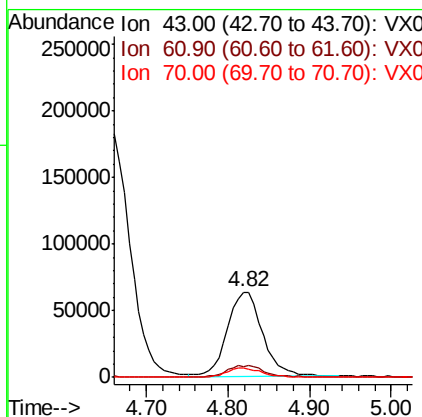
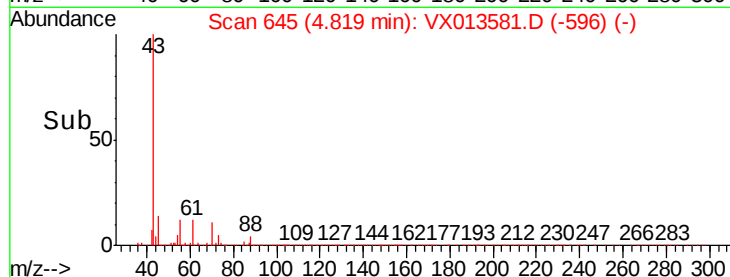
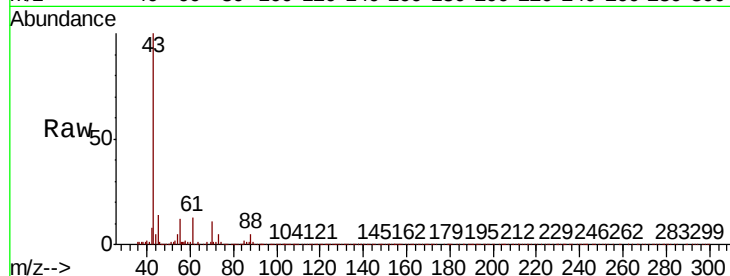
#37
Ethyl Acetate
Concen: 17.546 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.7	16.1
70	10.9	8.7	13.1

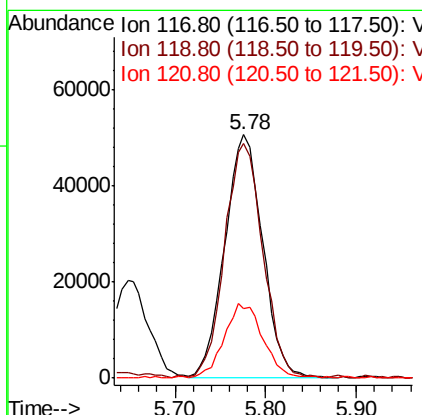
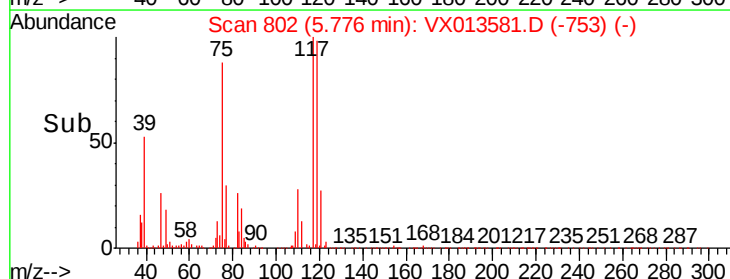
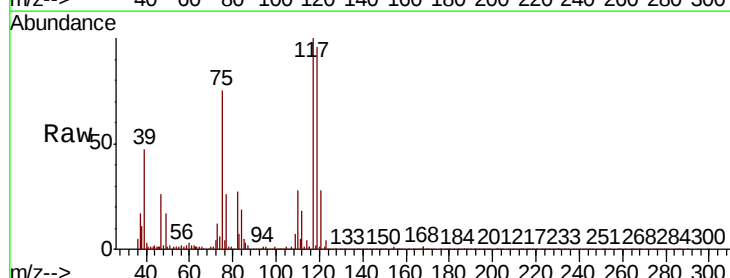
Manual Integrations
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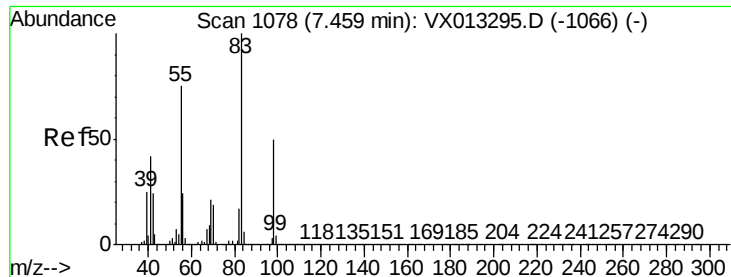
MMDadoda
12/4/2019 11:02:30 AM



#38
Carbon Tetrachloride
Concen: 17.307 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.1	114.1
121	28.1	24.6	37.0





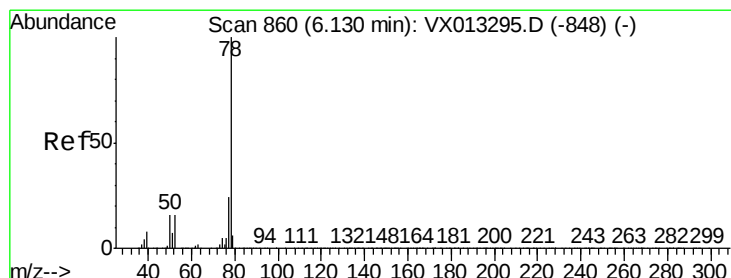
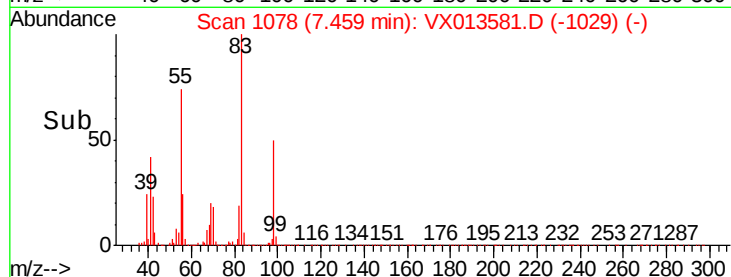
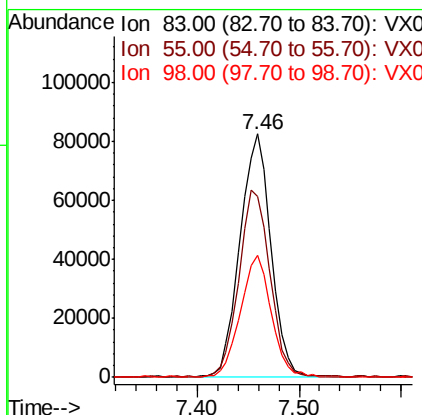
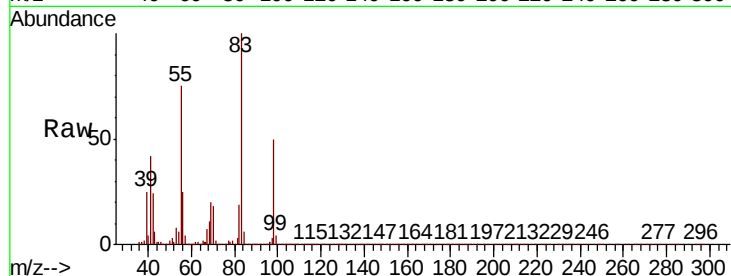
#39
Methvlcvclohexane
Concen: 16.145 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.0	60.3	90.5
98	50.0	40.3	60.5

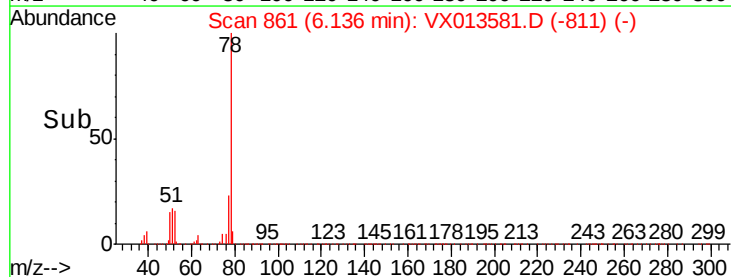
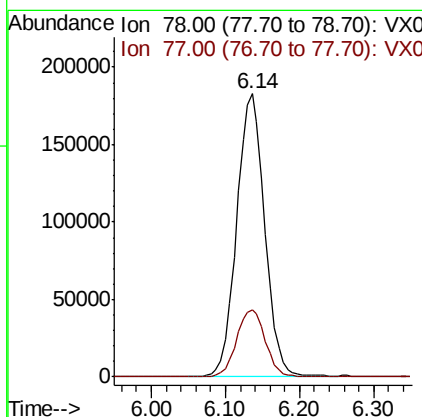
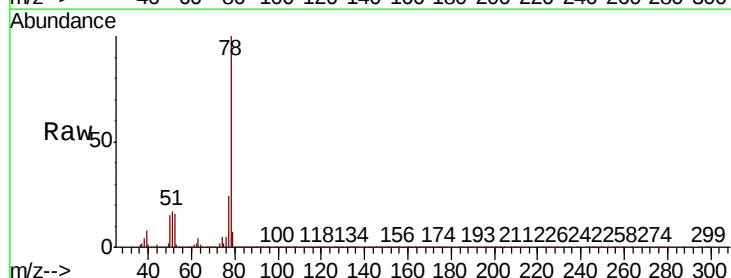
Manual Integrations
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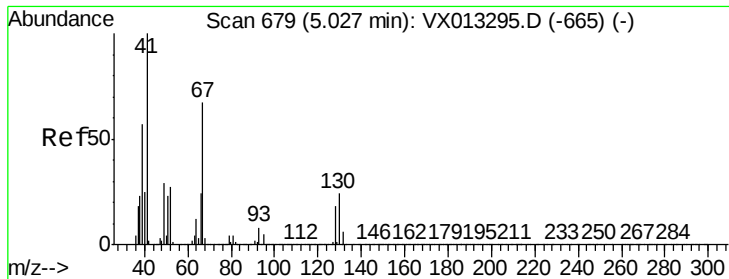
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#40
Benzene
Concen: 17.747 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.5	29.3





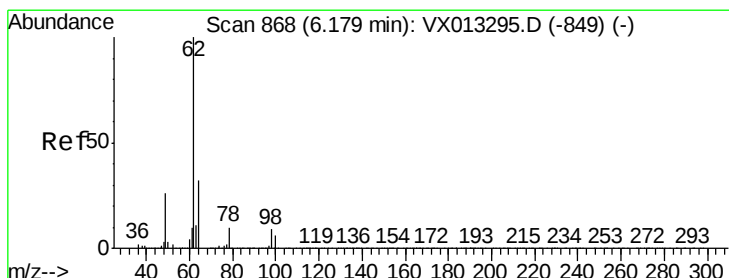
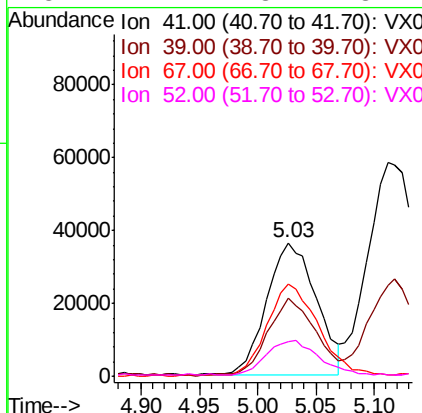
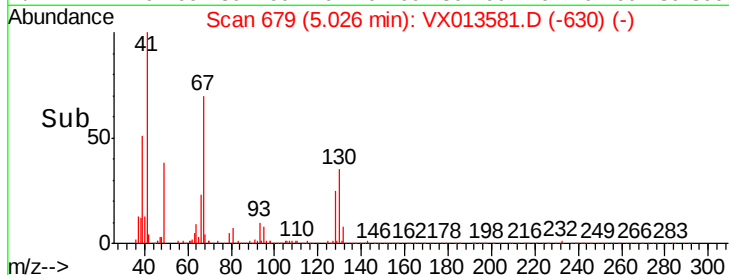
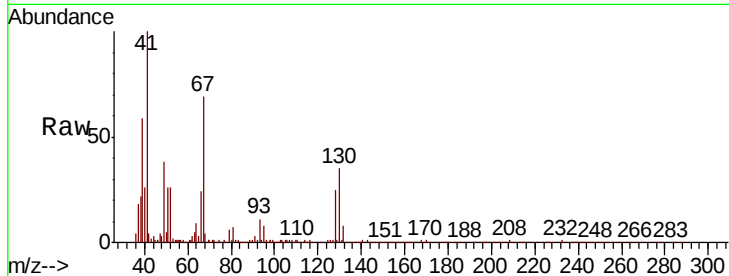
#41
Methacrylonitrile
Concen: 17.649 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	58.0	45.0	67.6		
67	71.5	55.4	83.2		
52	27.7	23.1	34.7		

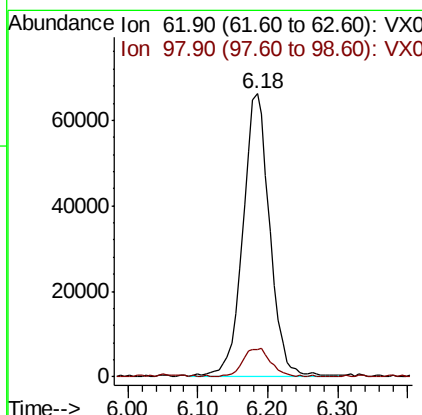
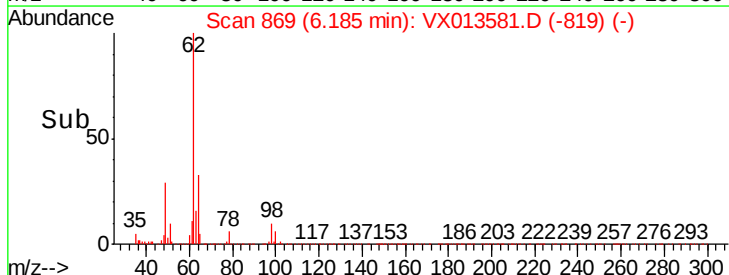
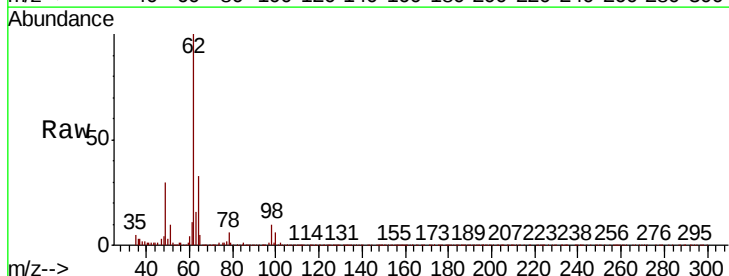
Manual Integrations
APPROVED

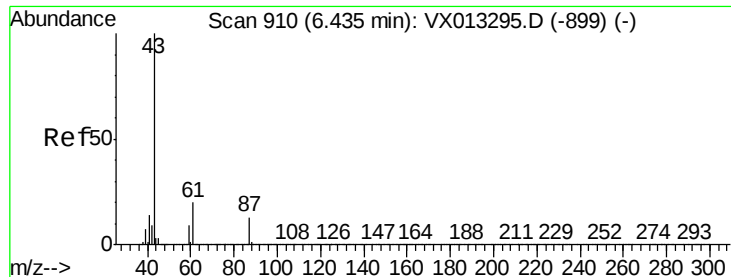
MMDadoda
12/4/2019 11:02:30 AM



#42
1,2-Dichloroethane
Concen: 17.853 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.8	0.0	19.4		





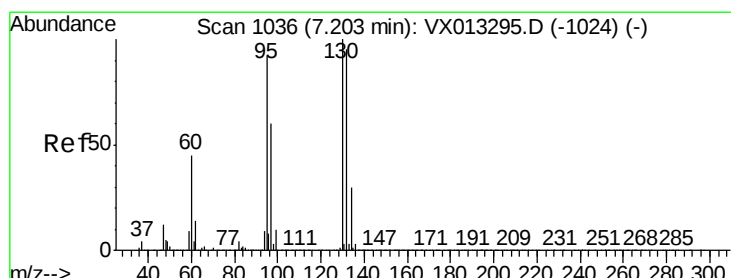
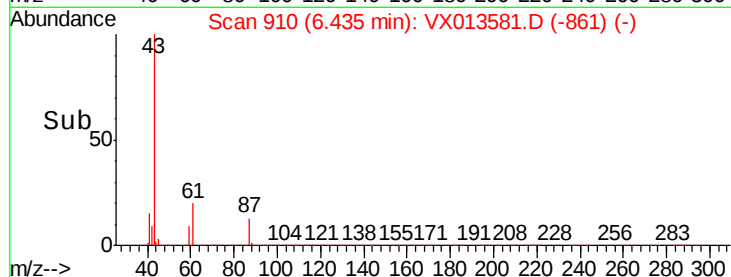
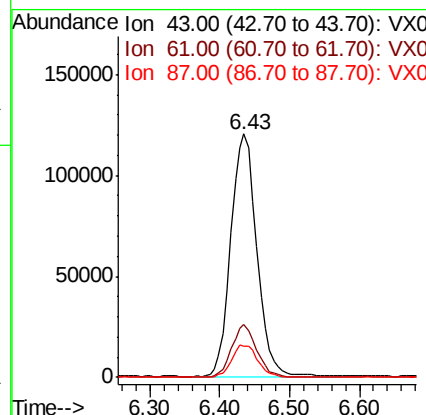
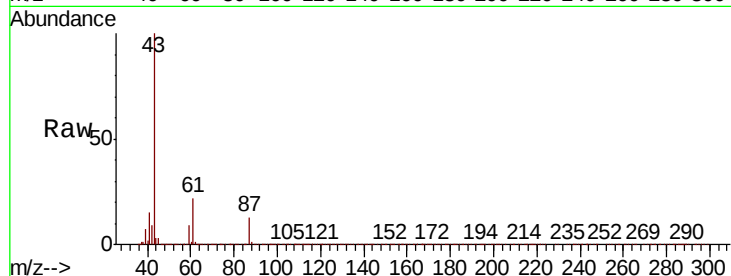
#43
Isopropyl Acetate
Concen: 18.680 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.8
87	13.4	10.4	15.6

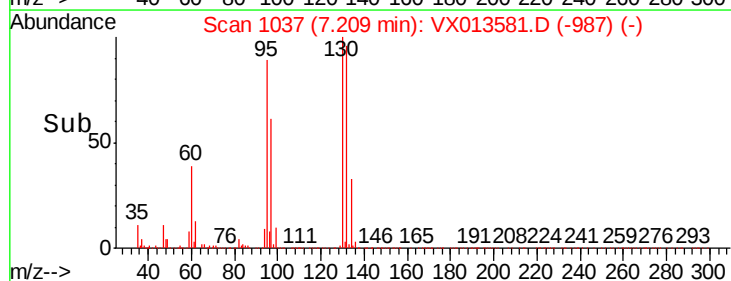
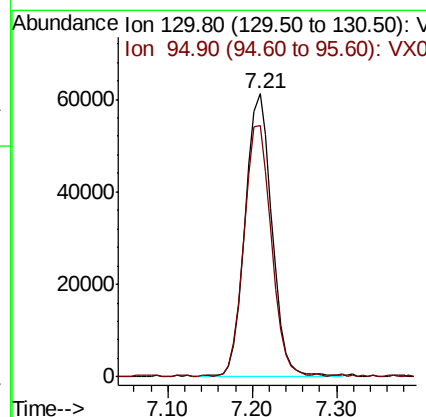
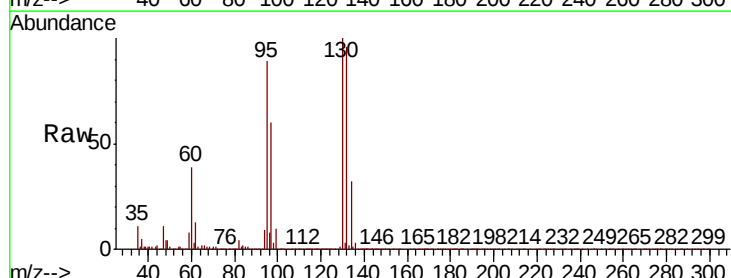
Manual Integrations
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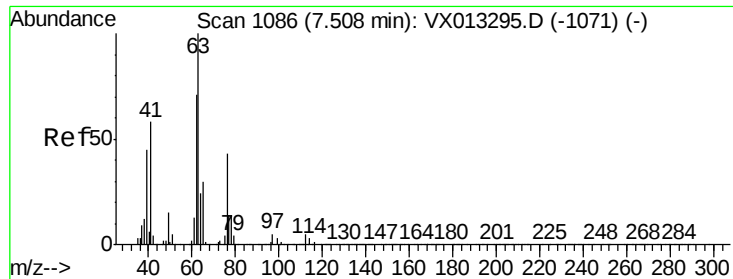
MMDadoda
12/4/2019 11:02:30 AM



#44
Trichloroethene
Concen: 17.443 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	184.8





#45

1,2-Dichloropropane

Concen: 18.798 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBSD01

Tot Ion: 63 Resp: 129626

Ion Ratio Lower Upper

63 100

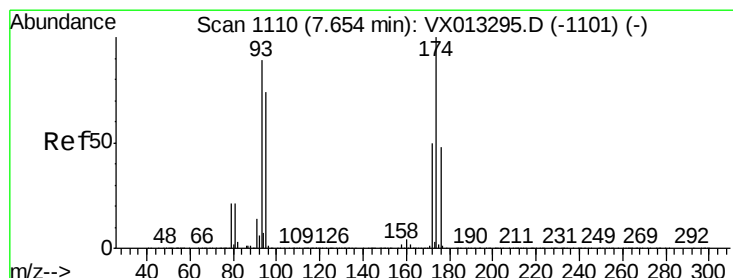
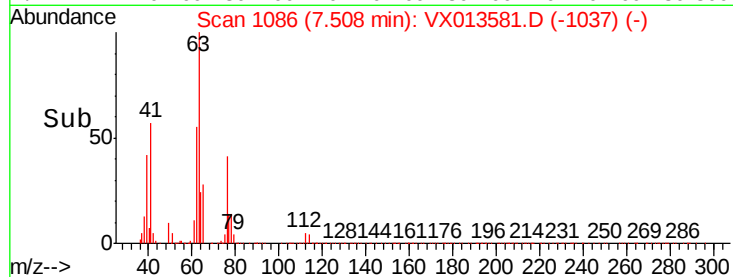
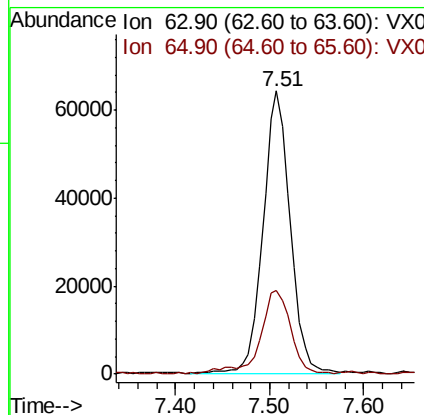
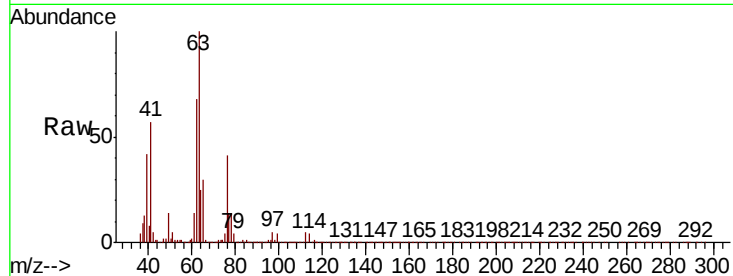
65 29.3 24.3 36.5

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#46

Dibromomethane

Concen: 17.877 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

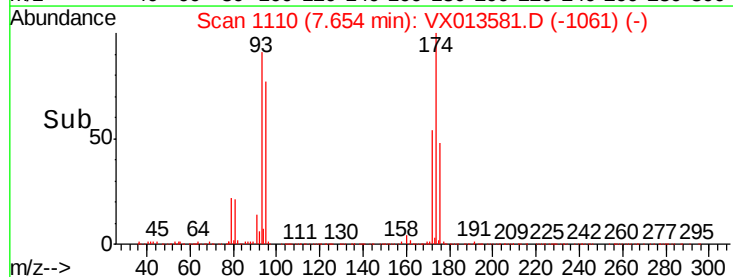
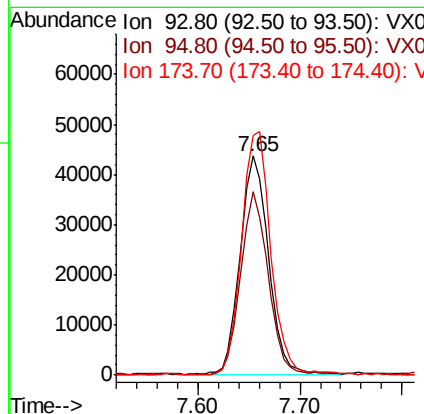
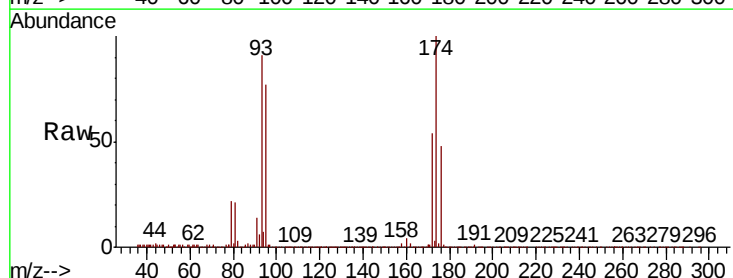
Tgt Ion: 93 Resp: 84166

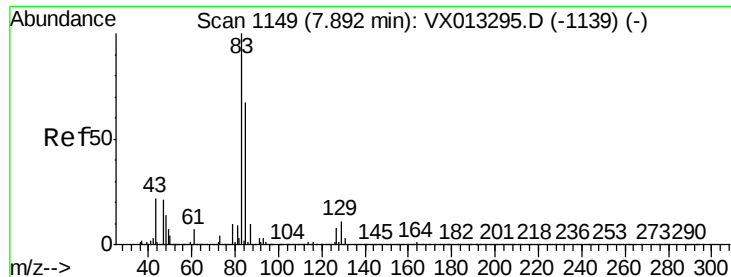
Ion Ratio Lower Upper

93 100

95 81.1 65.8 98.6

174 113.5 90.4 135.6





#47

Bromodichloromethane

Concen: 18.749 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

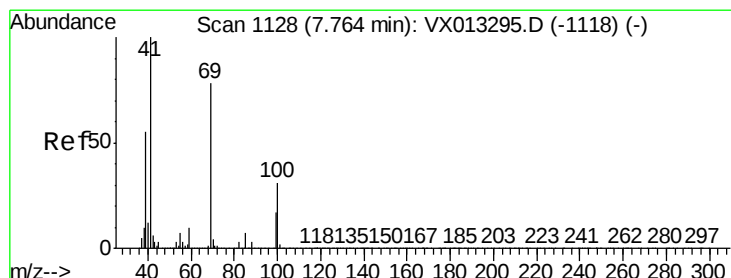
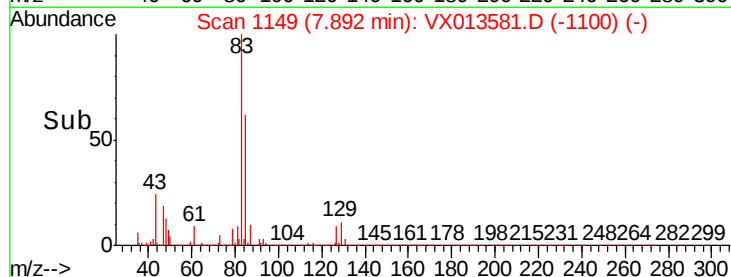
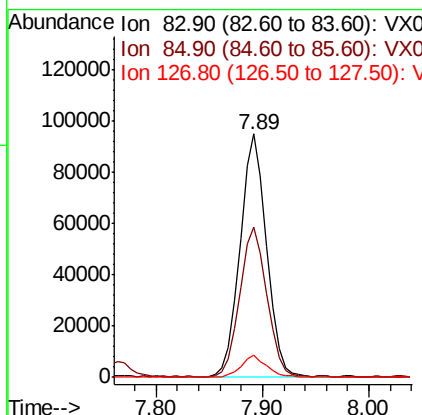
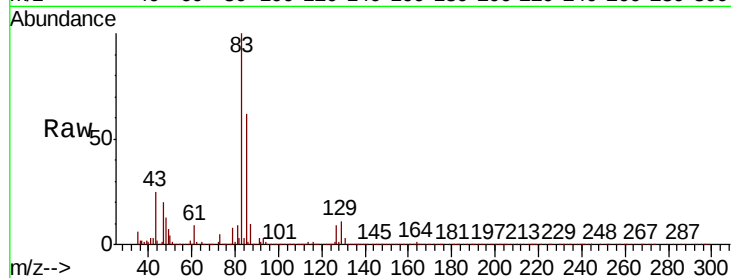
ClientSampleId :

VX1125MBSD01

Tot Ion:	83	Resp:	166456
Ion	Ratio	Lower	Upper
83	100		
85	61.4	53.7	80.5
127	8.9	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.391 ug/l

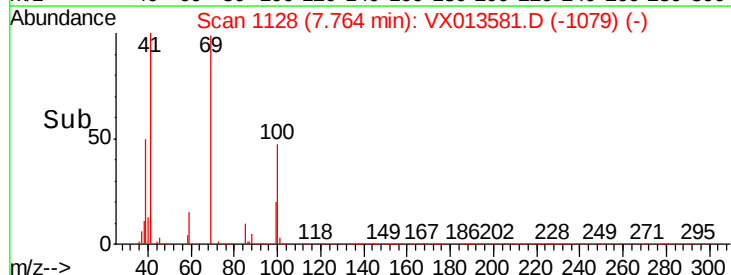
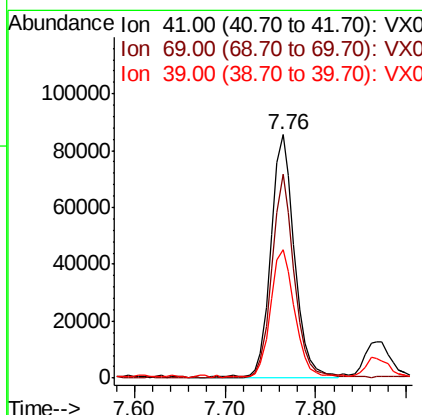
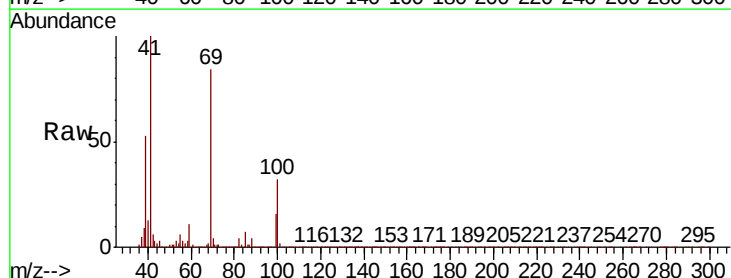
RT: 7.76 min Scan# 1128

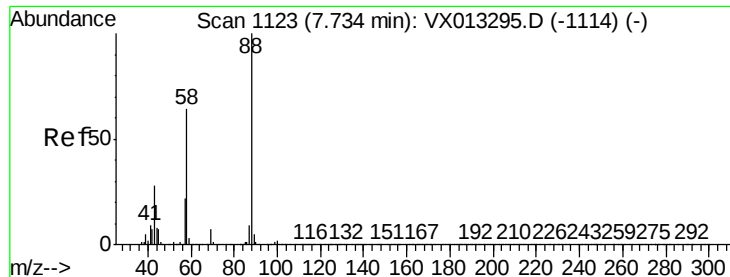
Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Tgt Ion:	41	Resp:	153475
Ion	Ratio	Lower	Upper
41	100		
69	79.2	63.0	94.6
39	54.0	45.9	68.9





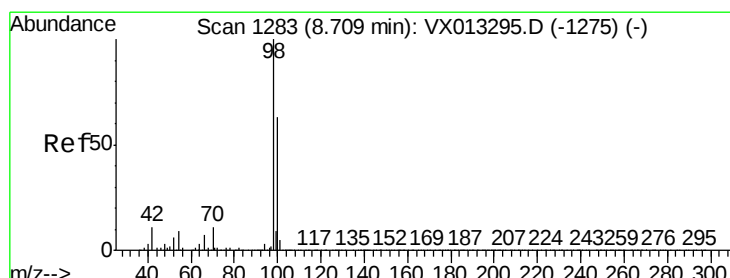
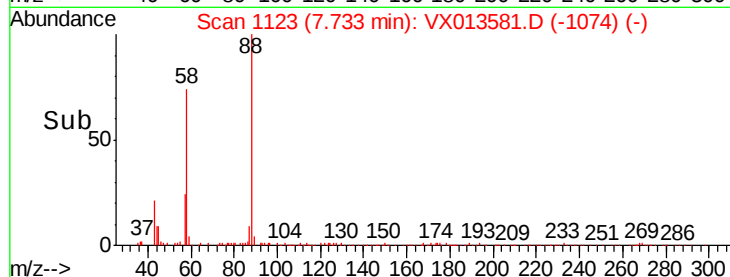
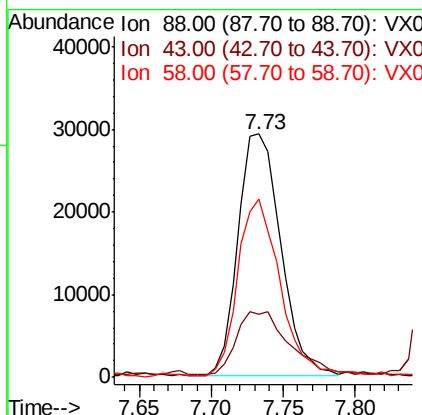
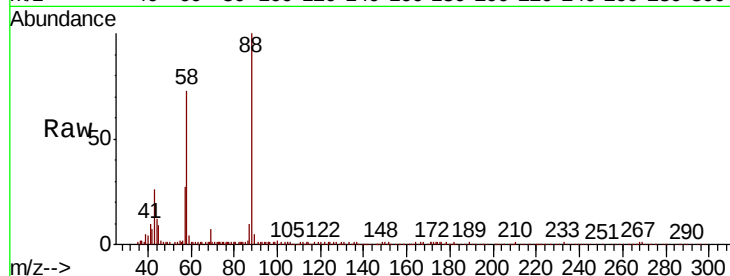
#49
1,4-Dioxane
Concen: 315.245 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	26.6	39.8
58	73.3	55.0	82.6

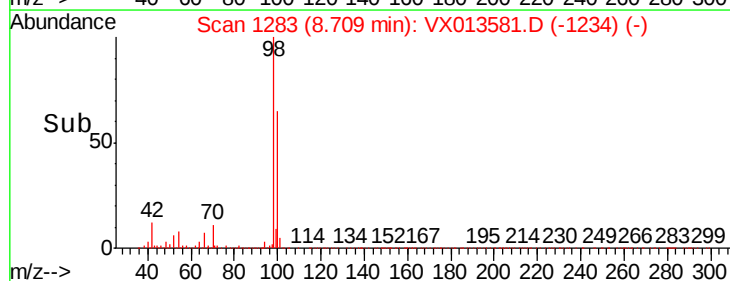
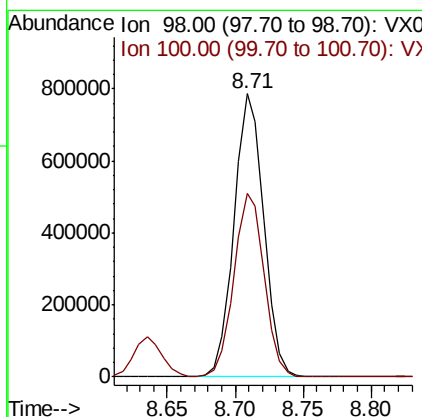
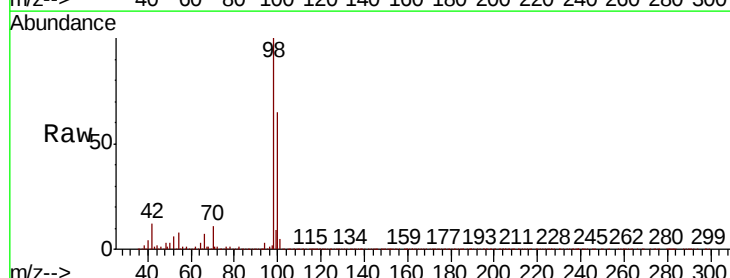
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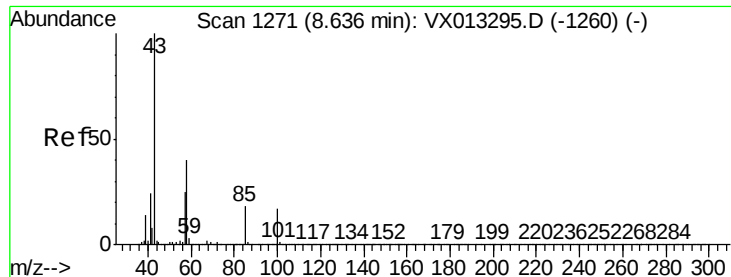
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#50
Toluene-d8
Concen: 49.917 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 91.262 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBSD01

Tot Ion: 43 Resp: 1000972

Ion Ratio Lower Upper

43 100

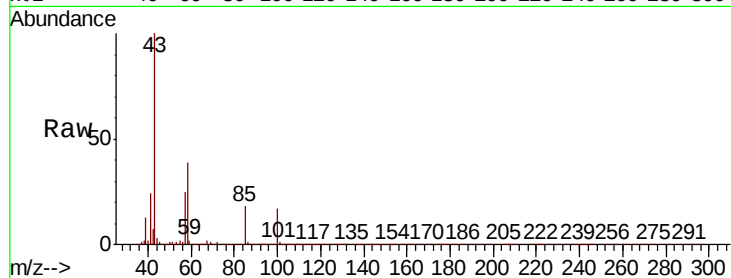
58 39.7 31.4 47.0

Manual Integrations

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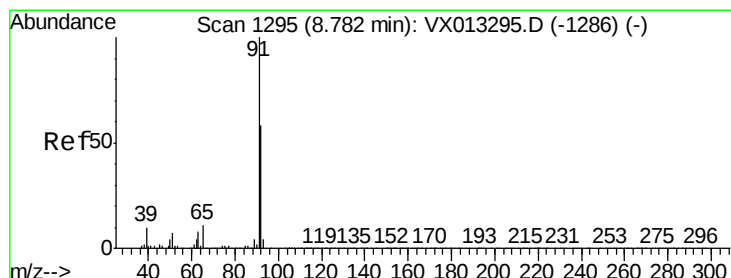
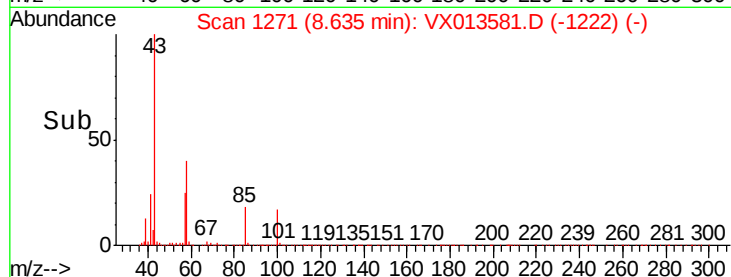
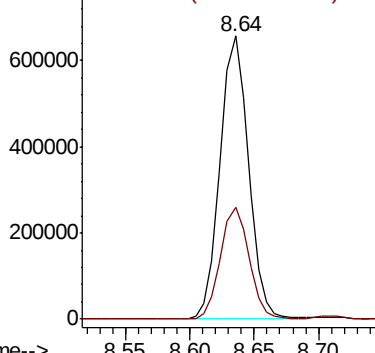
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.063 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013581.D

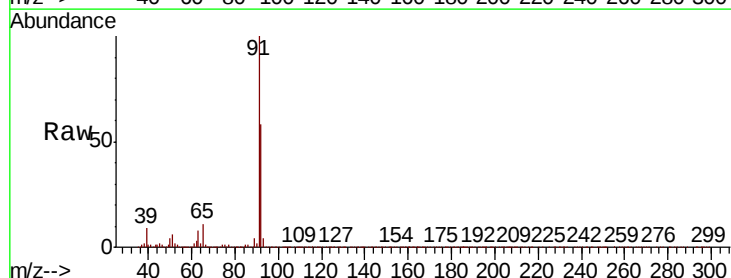
Acq: 25 Nov 2019 15:14

Tgt Ion: 92 Resp: 302990

Ion Ratio Lower Upper

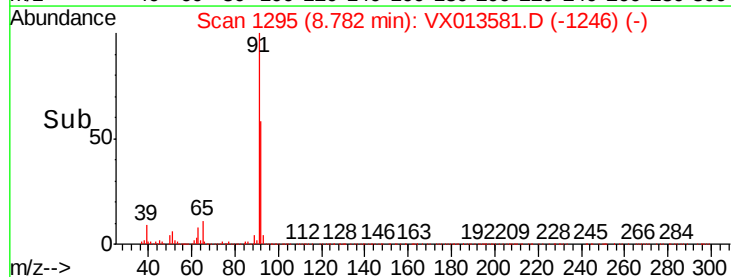
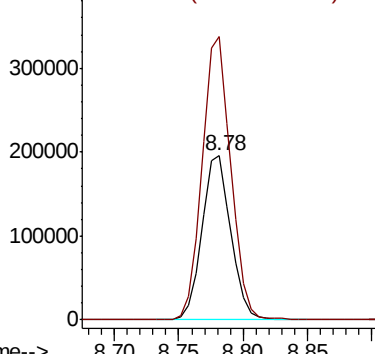
92 100

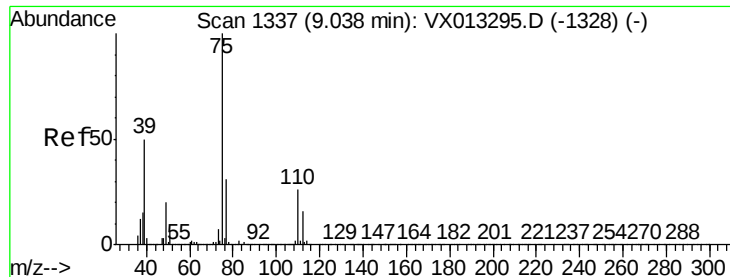
91 171.8 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





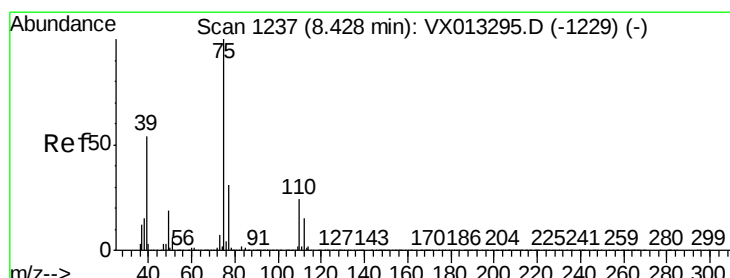
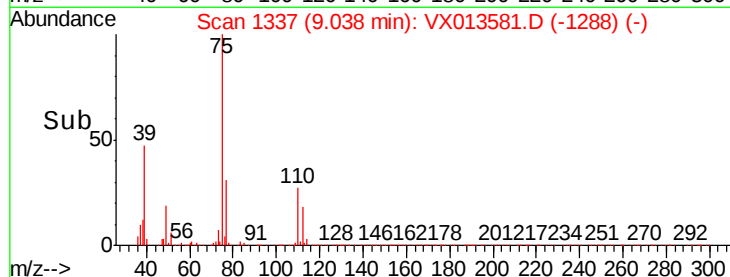
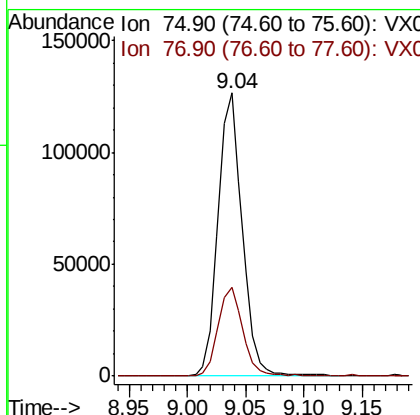
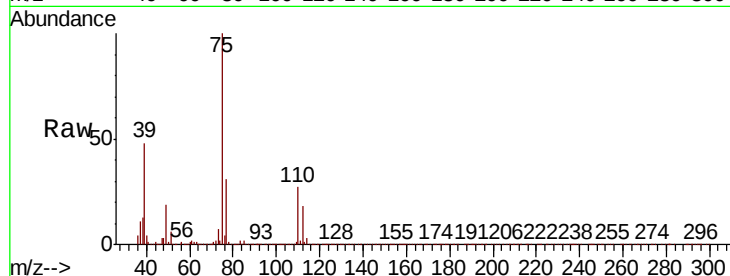
#53
t-1,3-Dichloropropene
Concen: 18.565 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.4

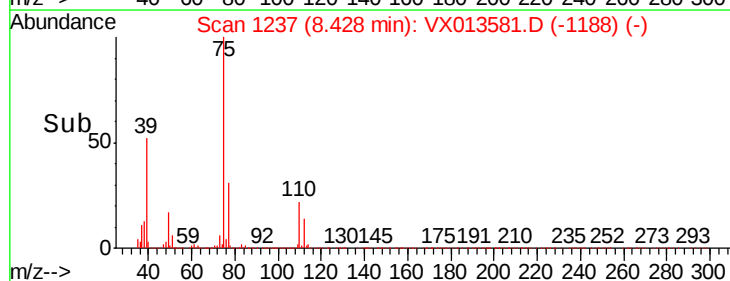
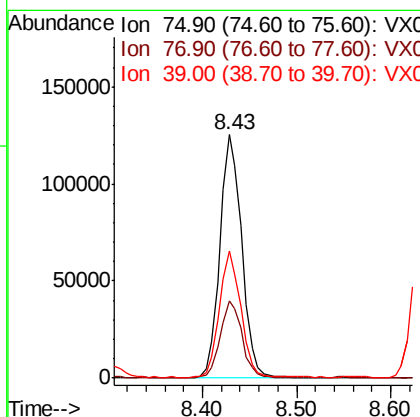
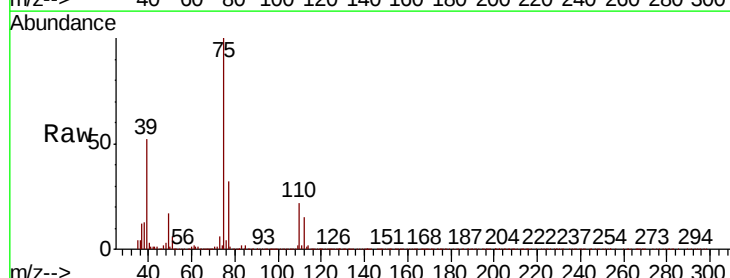
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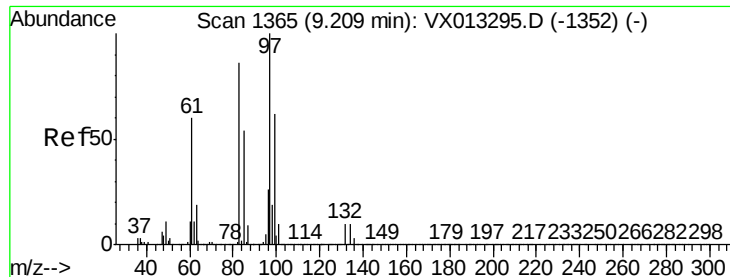
MMDadoda
12/4/2019 11:02:30 AM



#54
cis-1,3-Dichloropropene
Concen: 18.415 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.7	37.1
39	51.8	43.0	64.6





#55

1,1,2-Trichloroethane

Concen: 18.788 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

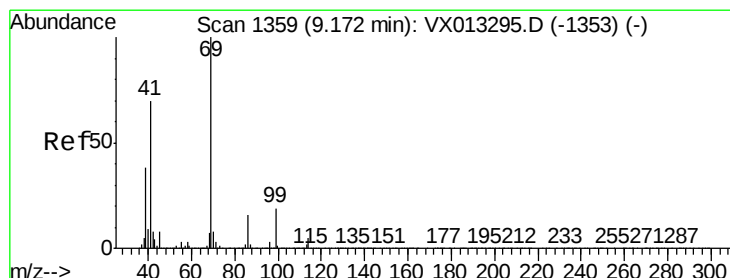
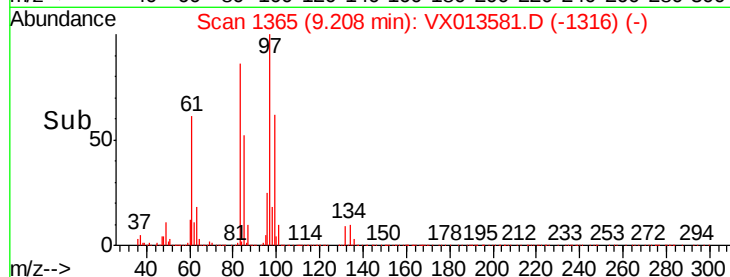
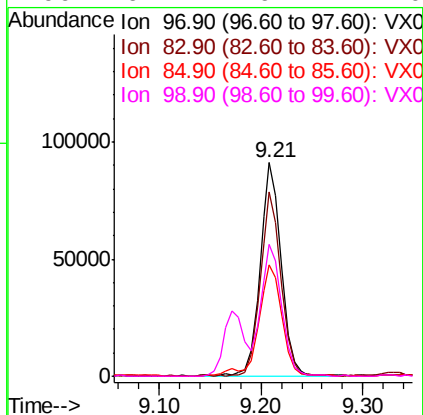
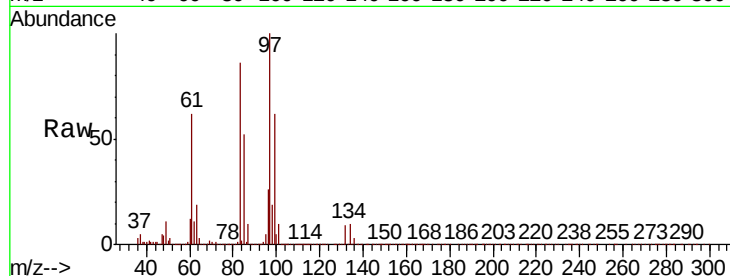
ClientSampleId :

VX1125MBS01

Tot Ion:	97	Resp:	130625
Ion Ratio	Lower	Upper	
97	100		
83	86.5	68.6	103.0
85	51.8	43.1	64.7
99	61.7	49.4	74.0

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#56

Ethyl methacrylate

Concen: 18.468 ug/l

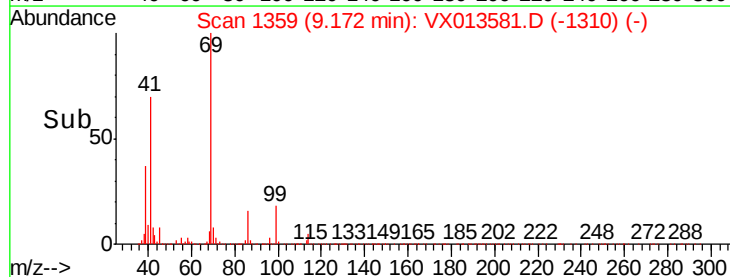
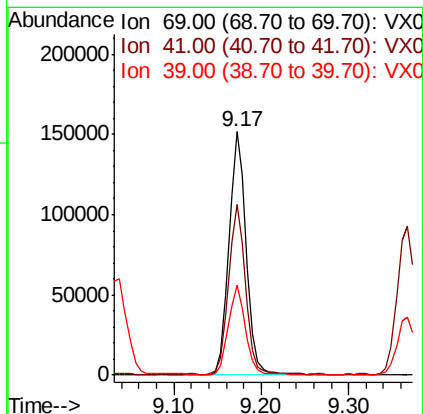
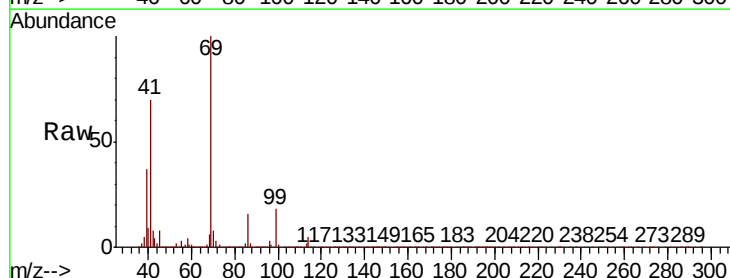
RT: 9.17 min Scan# 1359

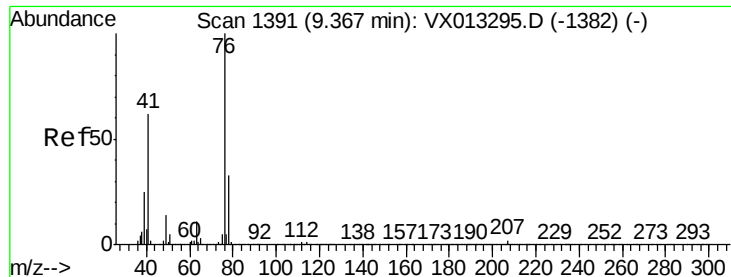
Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Tgt Ion:	69	Resp:	207128
Ion Ratio	Lower	Upper	
69	100		
41	68.6	56.2	84.2
39	36.2	31.1	46.7





#57

1,3-Dichloropropane

Concen: 18.438 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampled :

VX1125MBSD01

Tot Ion: 76 Resp: 217608

Ion Ratio Lower Upper

76 100

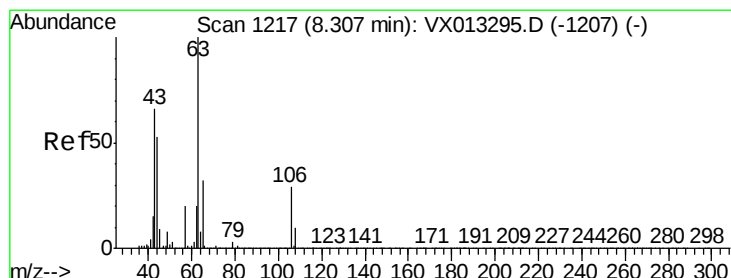
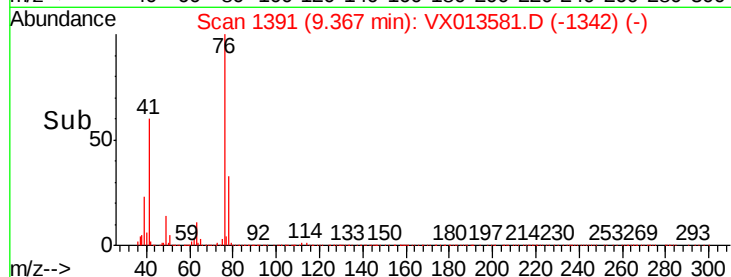
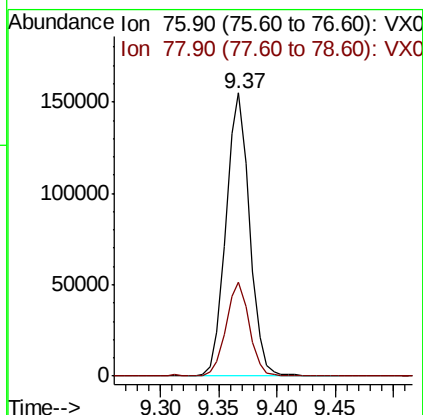
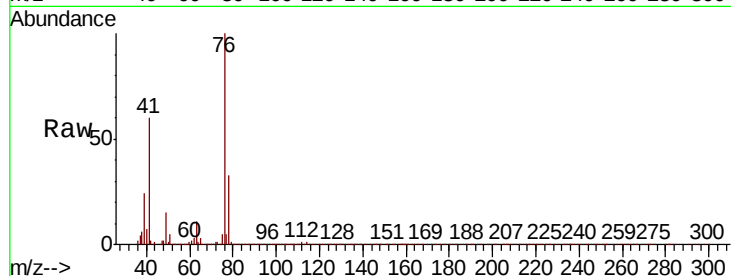
78 32.5 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 97.183 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013581.D

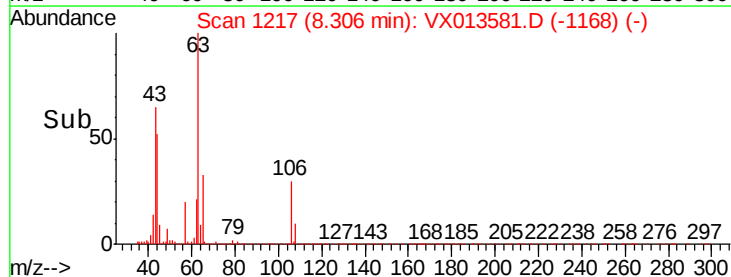
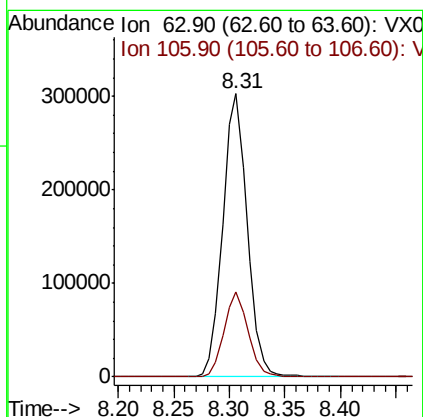
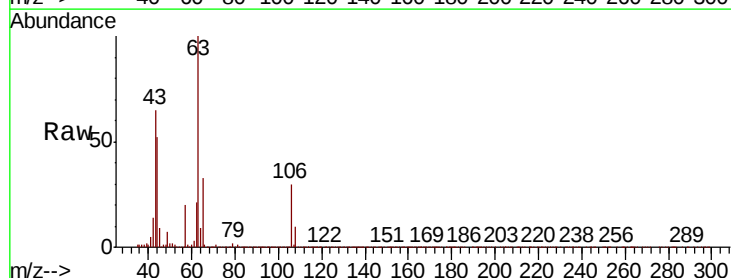
Acq: 25 Nov 2019 15:14

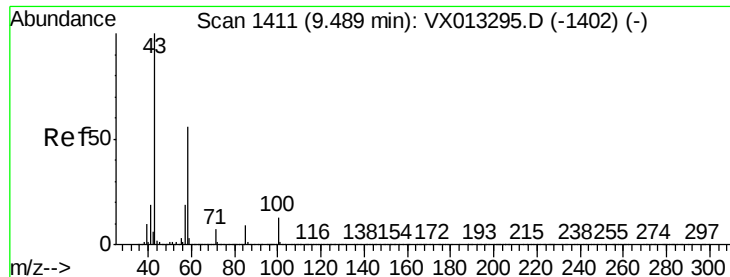
Tgt Ion: 63 Resp: 461991

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2





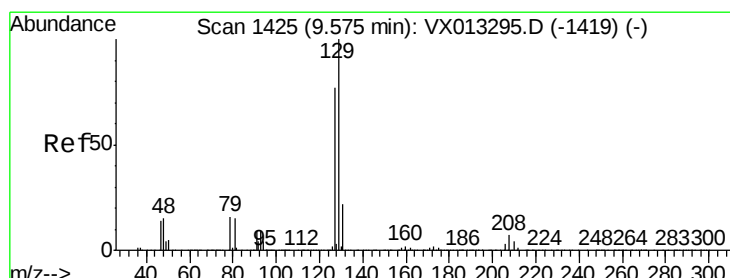
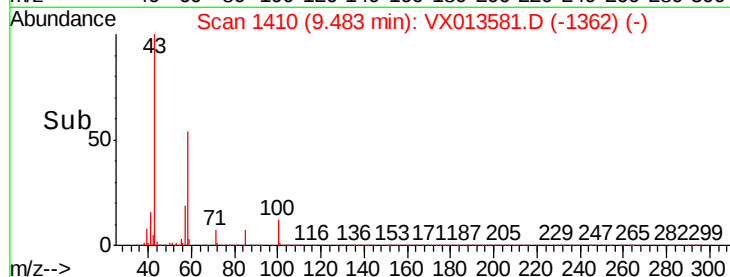
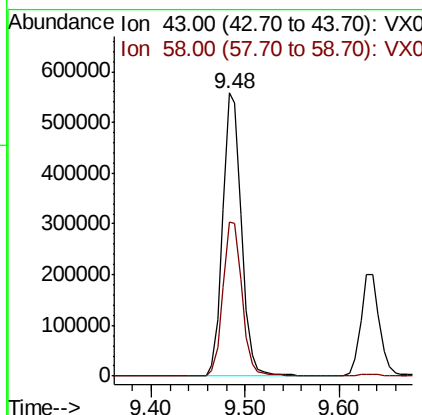
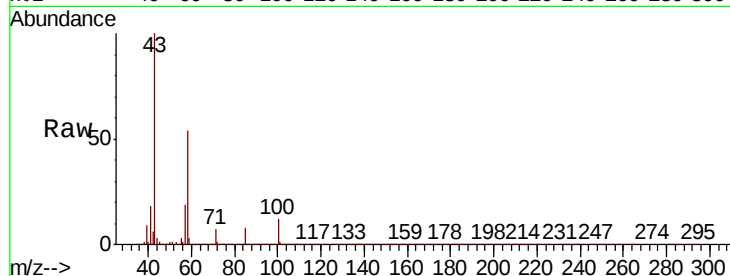
#59
2-Hexanone
Concen: 90.622 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion: 43 Resp: 768102
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8

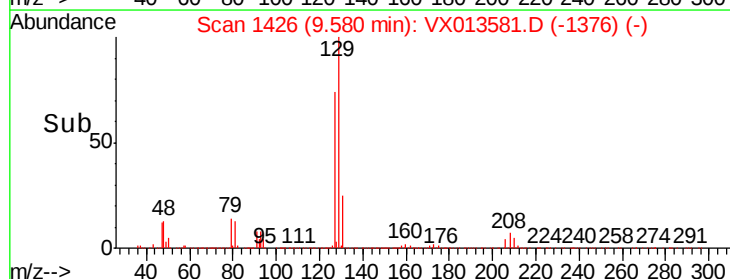
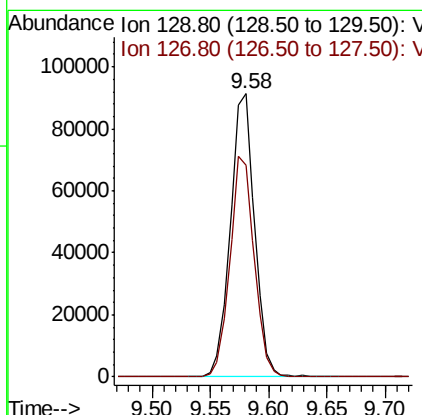
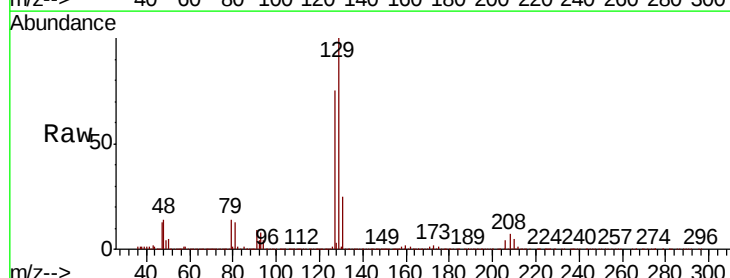
Manual Integrations
APPROVED

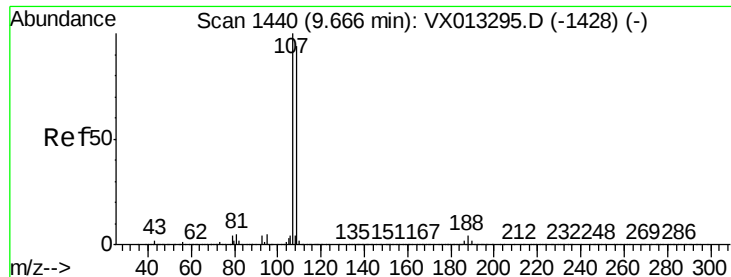
MMDadoda
12/4/2019 11:02:30 AM



#60
Dibromochloromethane
Concen: 18.641 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion: 129 Resp: 132546
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.857 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBS01

Tot Ion: 107 Resp: 131831

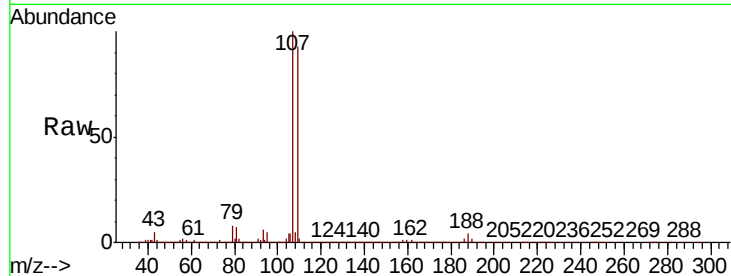
Ion Ratio Lower Upper

107 100

109 95.1 75.1 112.7

Manual Integrations
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MMDadoda
12/4/2019 11:02:30 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

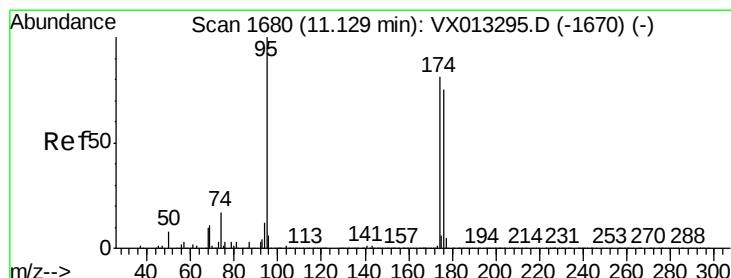
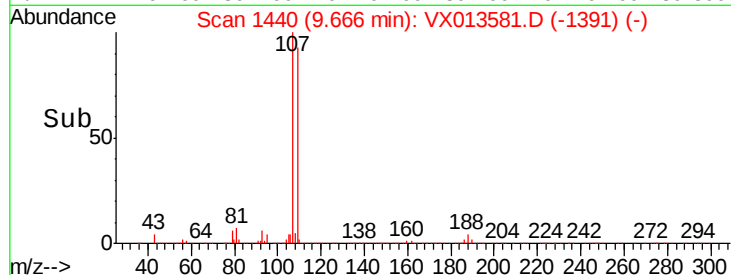
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.866 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

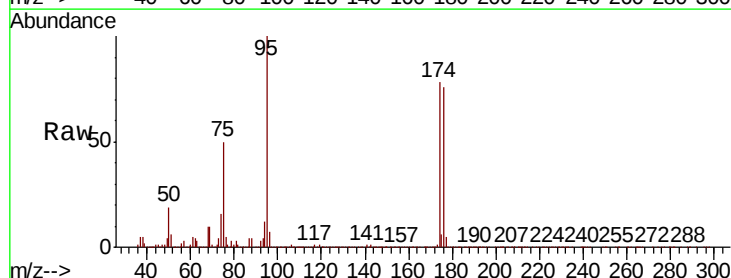
Tgt Ion: 95 Resp: 430967

Ion Ratio Lower Upper

95 100

174 89.2 0.0 179.8

176 86.4 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

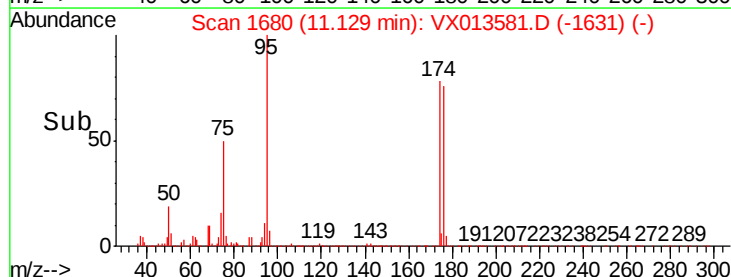
300000

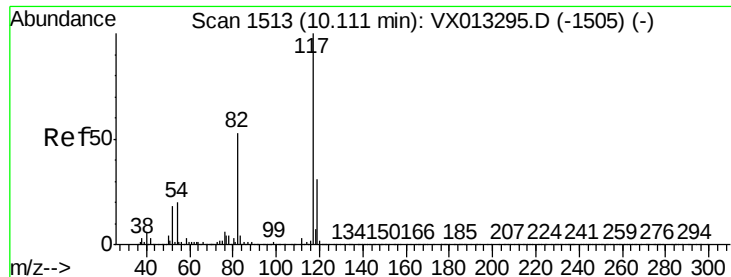
200000

100000

0

Time--> 11.10 11.20





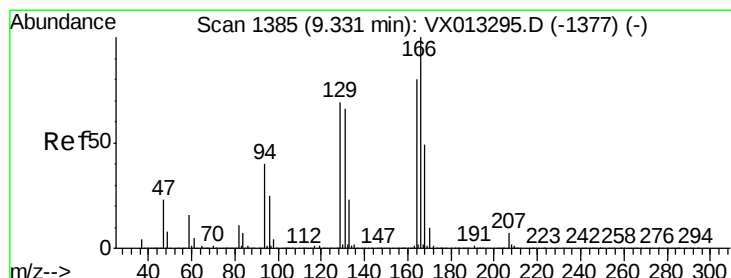
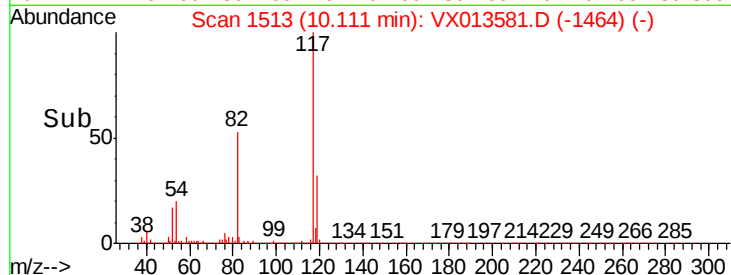
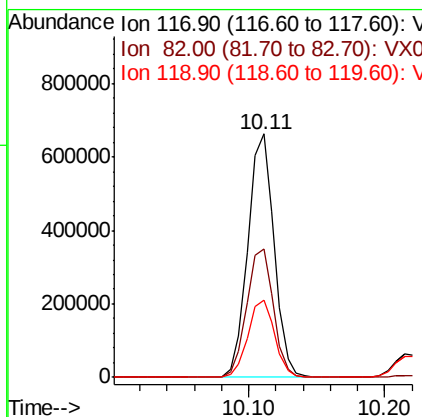
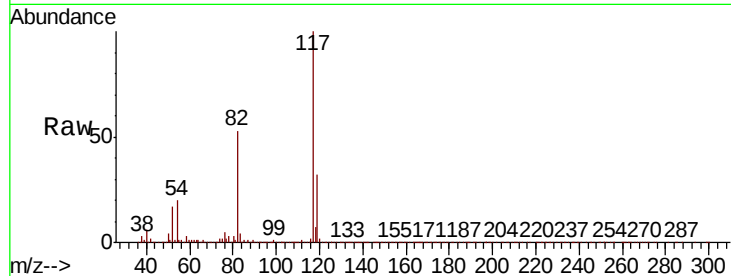
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	895958		
82	52.9		42.6	64.0
119	31.6		24.8	37.2

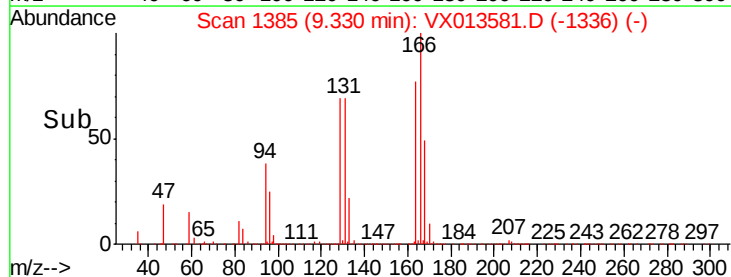
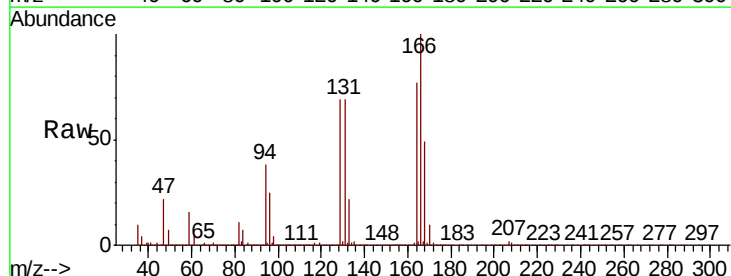
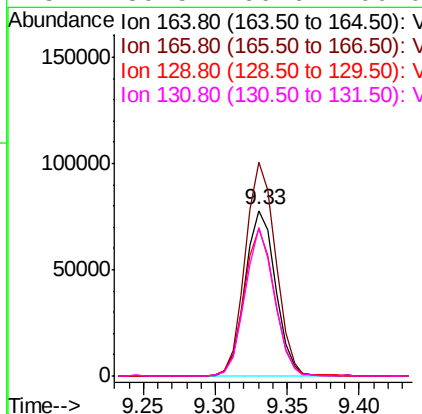
Manual Integrations
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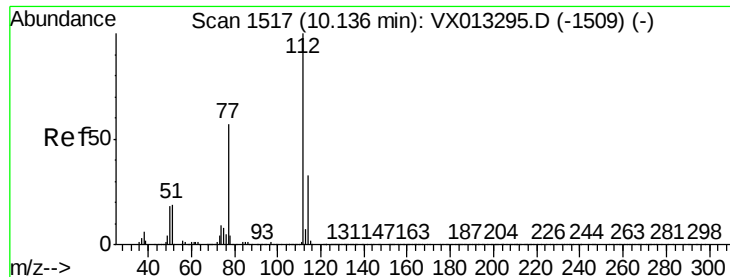
MMDadoda
12/4/2019 11:02:30 AM



#64
Tetrachloroethene
Concen: 17.737 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	113762		
166	129.1		100.4	150.6
129	89.0		69.4	104.2
131	89.5		66.6	100.0





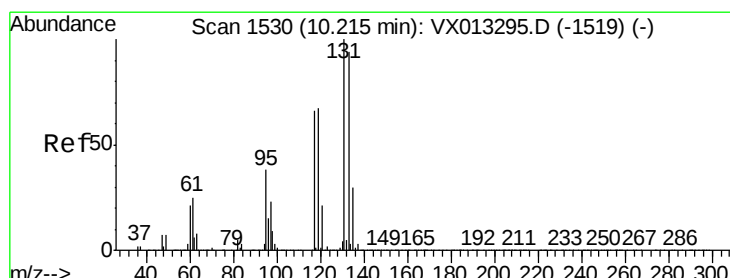
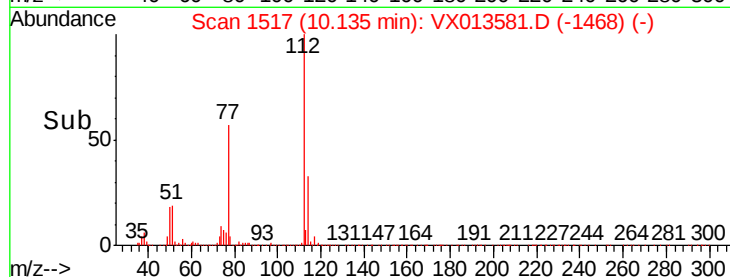
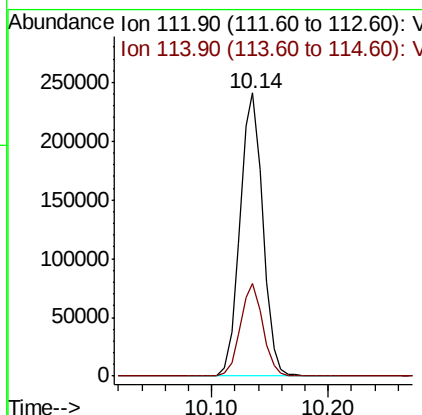
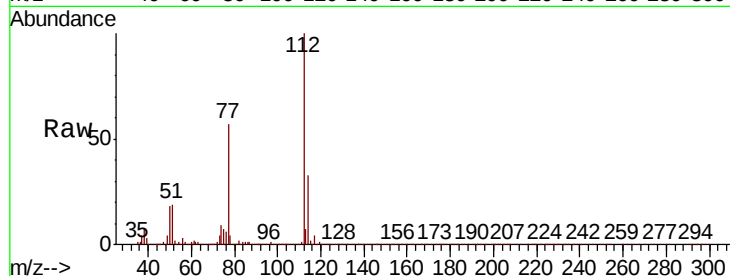
#65
Chlorobenzene
Concen: 18.192 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.4	39.6

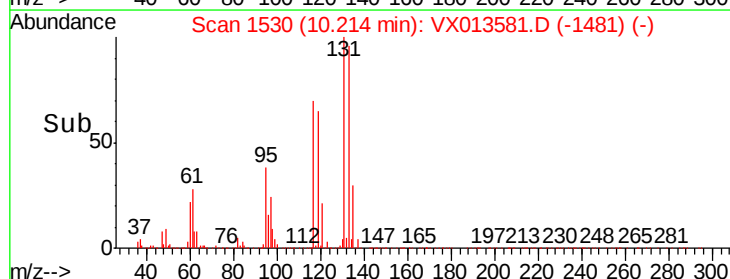
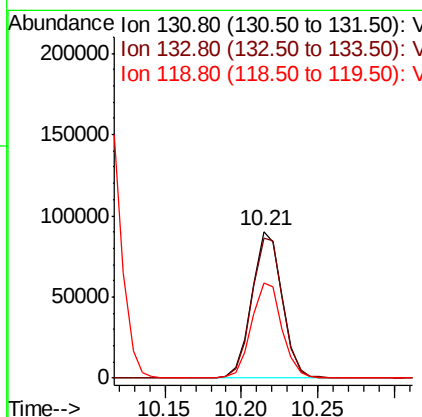
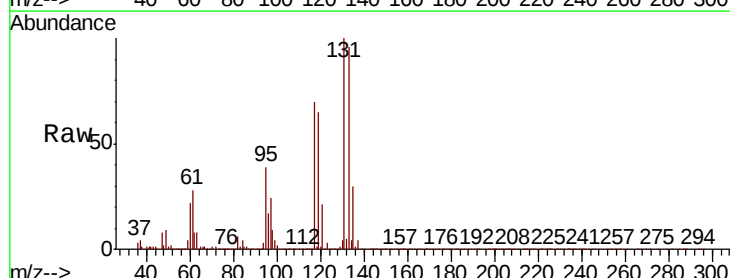
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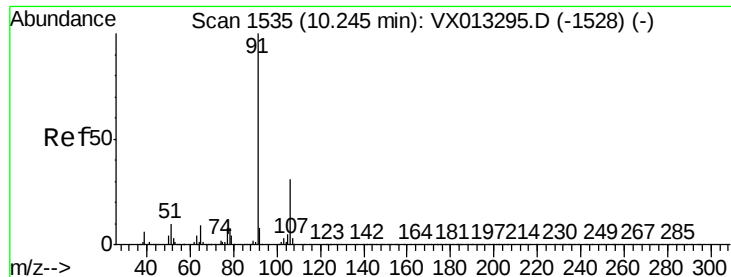
MMDadoda
12/4/2019 11:02:30 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.672 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.8	48.0	144.0
119	65.4	33.0	99.0





#67

Ethyl Benzene

Concen: 18.174 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBSD01

Tot Ion: 91 Resp: 568943

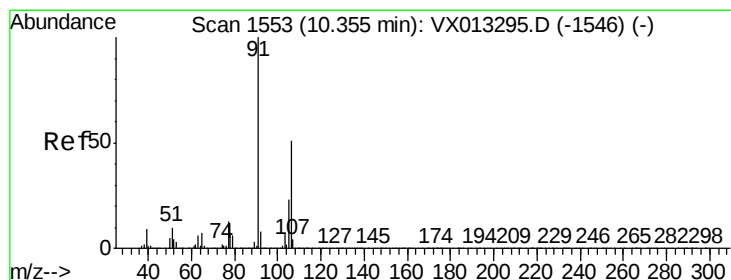
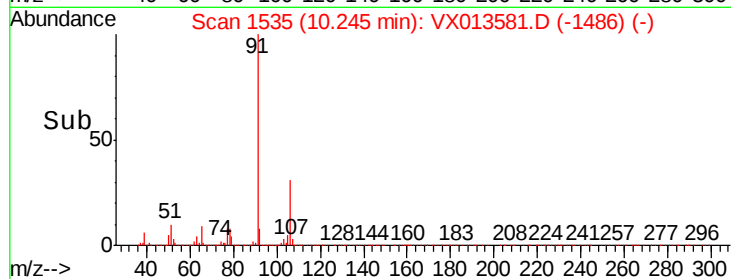
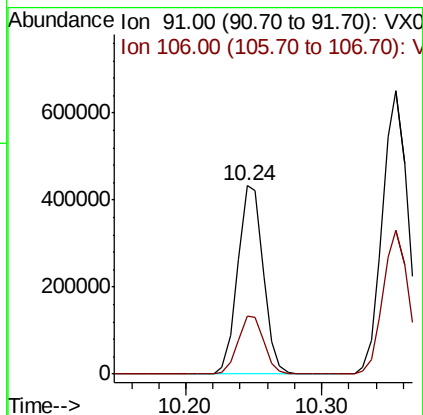
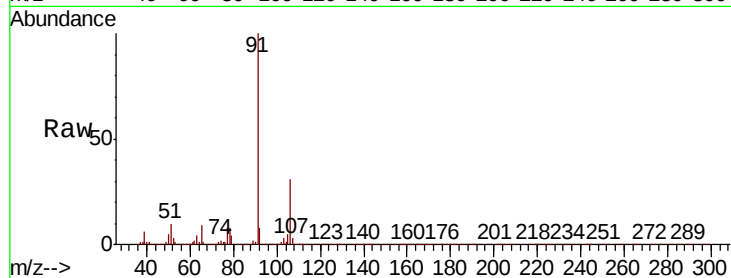
Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8

Manual Integrations
APPROVED

MMDadoda
12/4/2019 11:02:30 AM



#68

m/p-Xylenes

Concen: 36.695 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013581.D

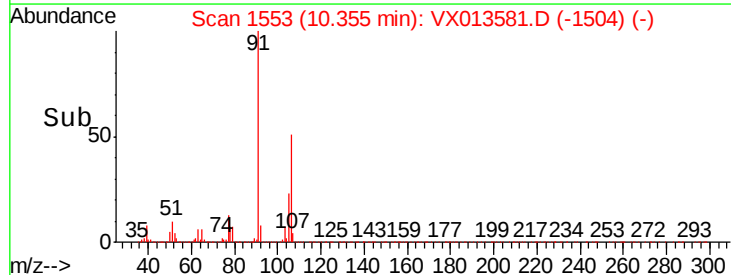
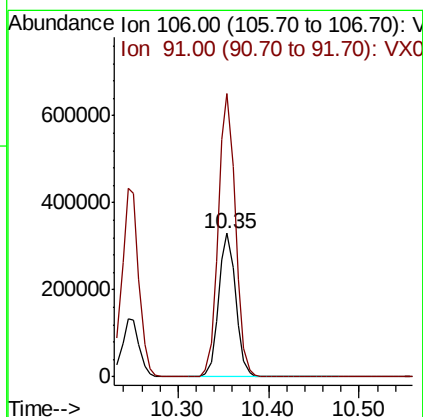
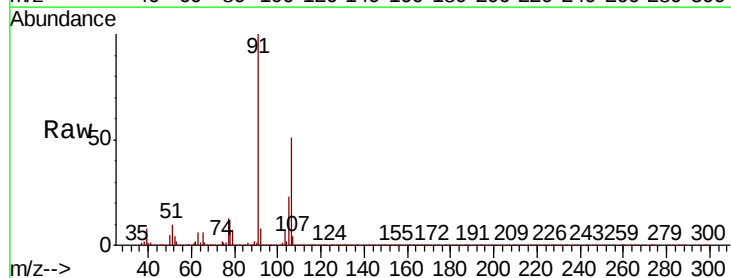
Acq: 25 Nov 2019 15:14

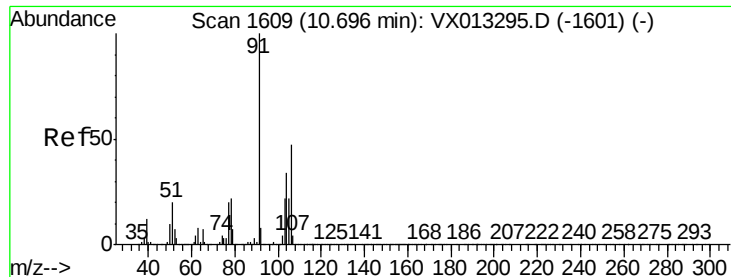
Tgt Ion: 106 Resp: 434457

Ion Ratio Lower Upper

106 100

91 198.0 159.3 238.9





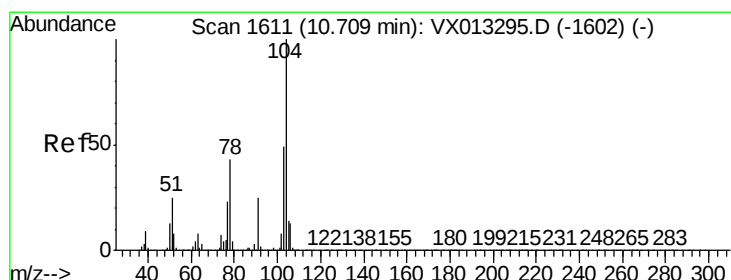
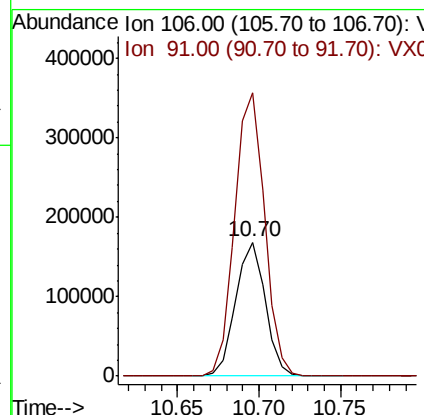
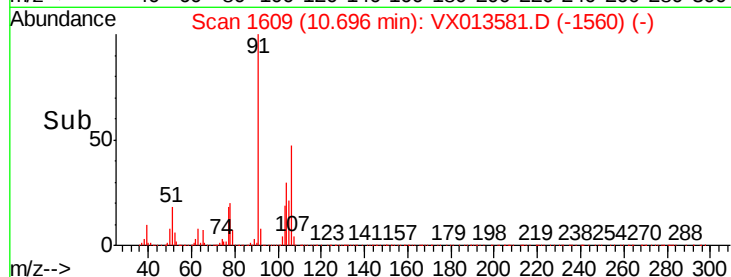
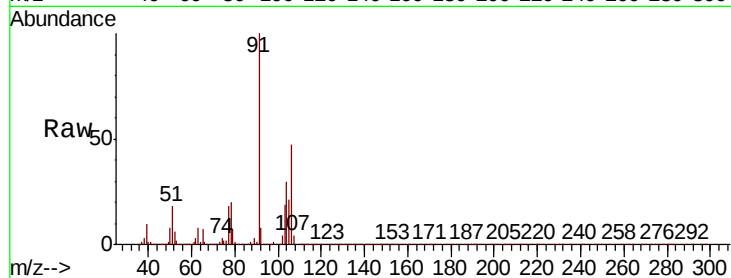
#69
o-Xylene
Concen: 18.348 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion:106 Resp: 212684
Ion Ratio Lower Upper
106 100
91 213.7 105.7 317.0

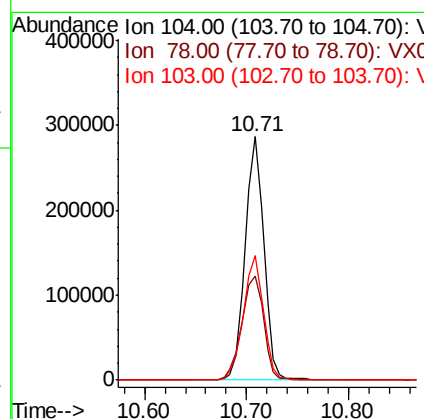
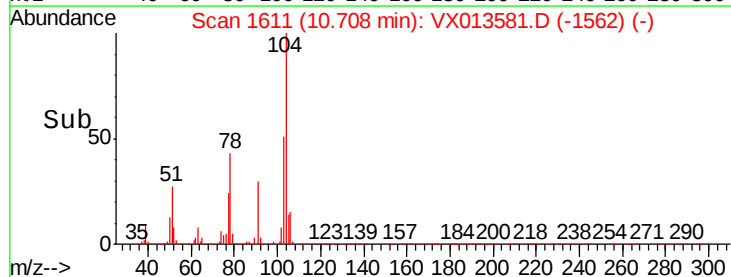
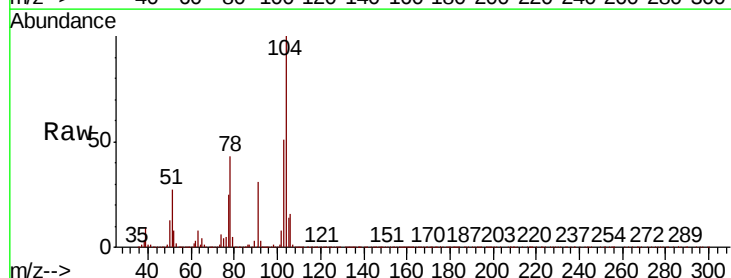
Manual Integrations
APPROVED

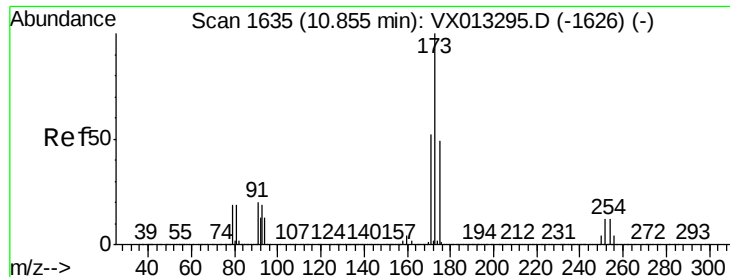
MMDadoda
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#70
Styrene
Concen: 18.718 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion:104 Resp: 362691
Ion Ratio Lower Upper
104 100
78 49.7 40.0 60.0
103 55.2 44.1 66.1





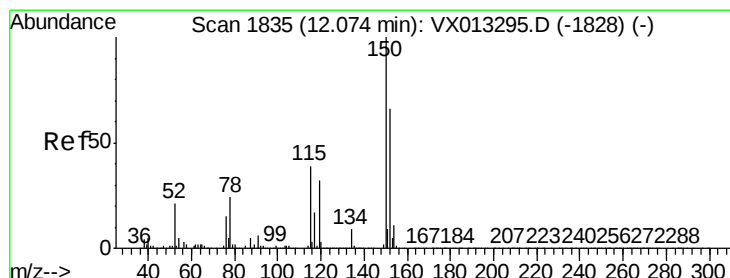
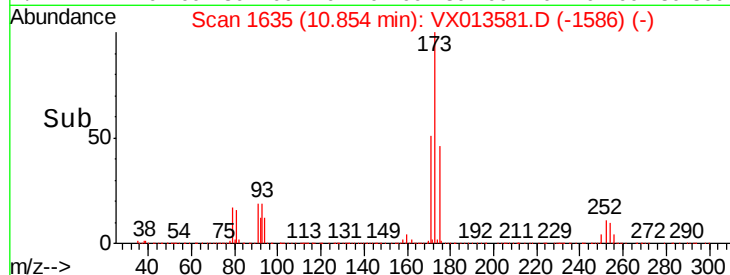
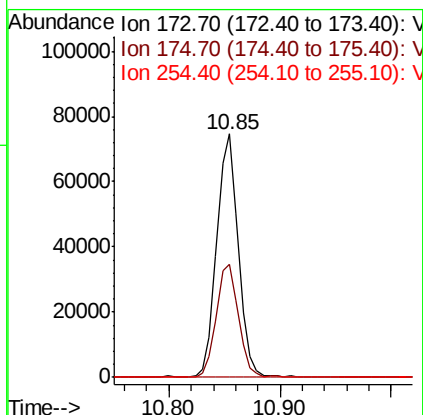
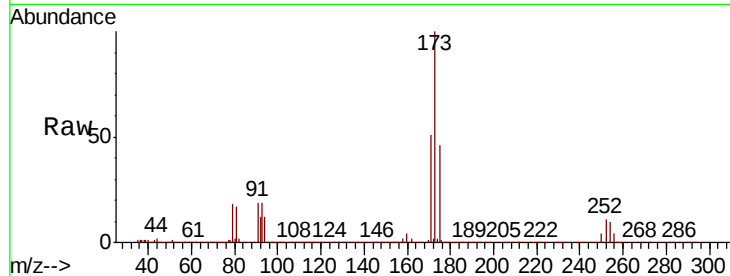
#71
Bromoform
Concen: 18.367 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.8	74.4
254	0.2	0.2	0.2

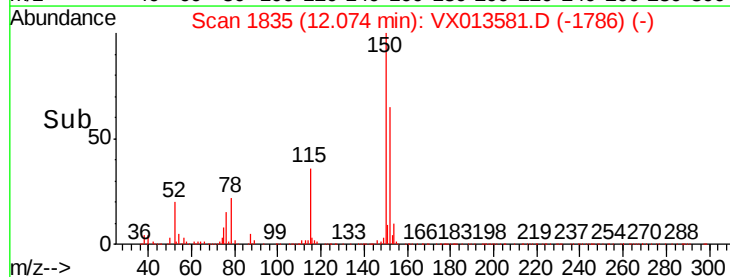
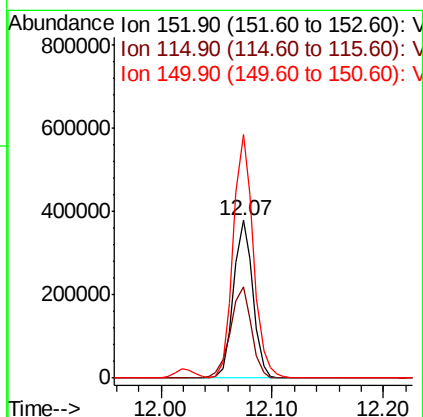
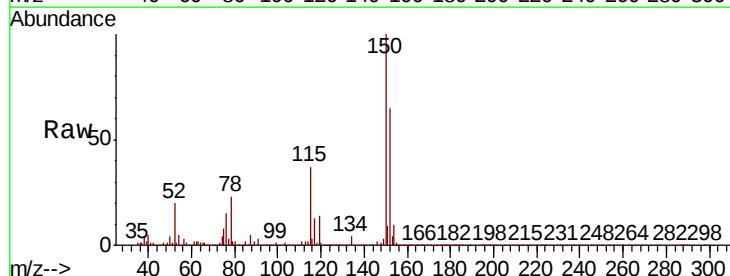
Manual Integrations
APPROVED

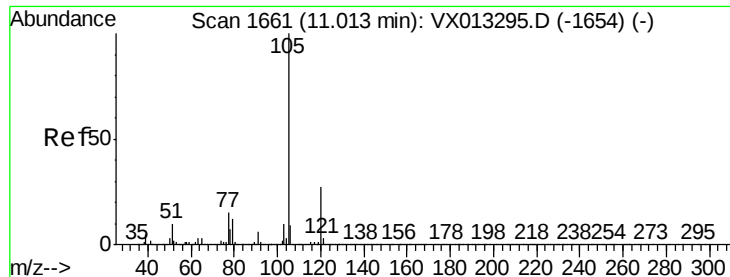
MMDadoda
12/4/2019 11:02:30 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	39.5	118.3
150	161.7	0.0	344.4





#73

Isopropylbenzene

Concen: 18.911 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBSD01

Tot Ion:105 Resp: 565457

Ion Ratio Lower Upper

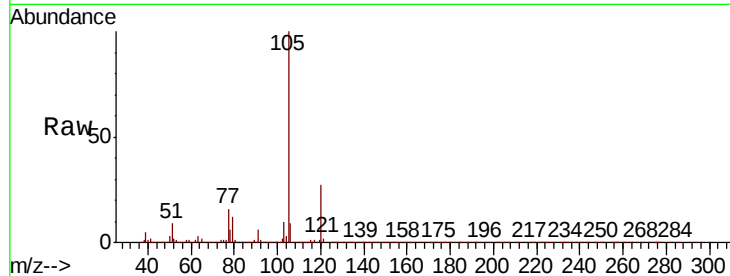
105 100

120 26.9 13.5 40.5

Manual Integrations
APPROVED

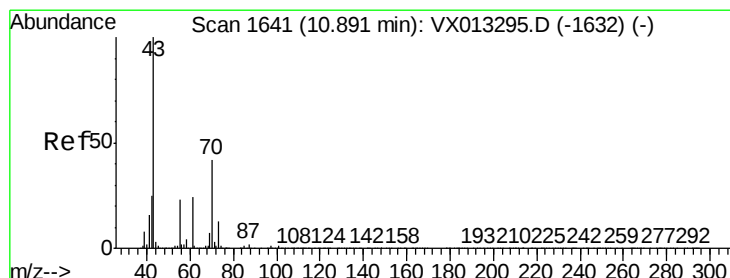
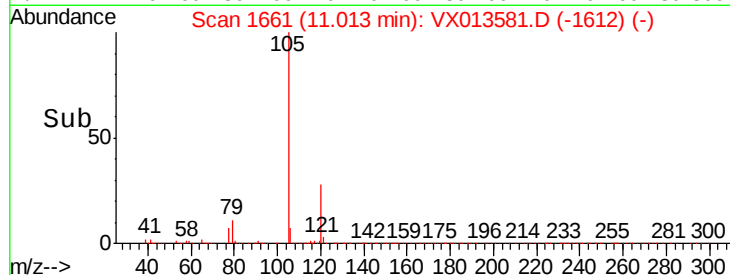
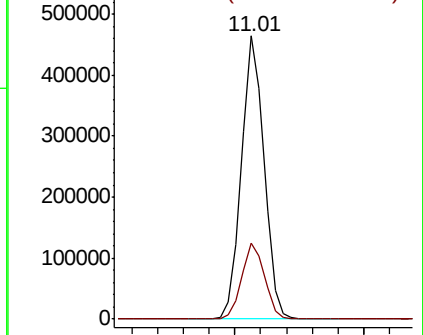
MMDadoda

12/4/2019 11:02:30 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.243 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Tgt Ion: 43 Resp: 266814

Ion Ratio Lower Upper

43 100

70 43.6 34.1 51.1

55 25.0 18.9 28.3

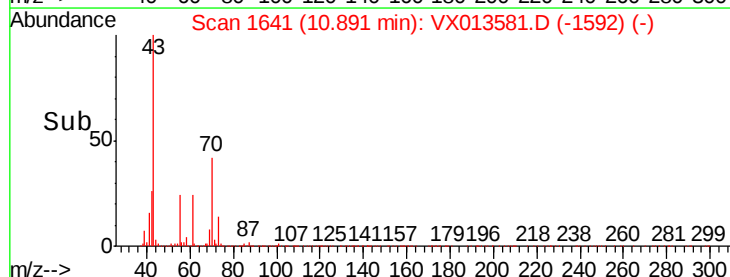
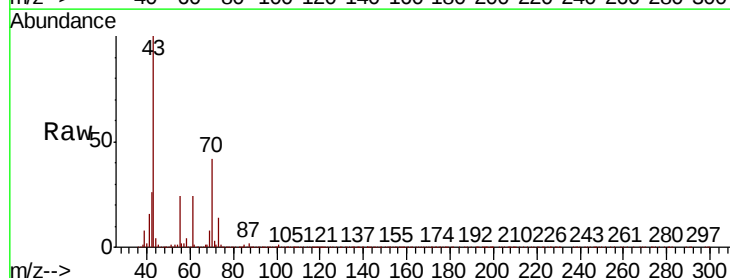
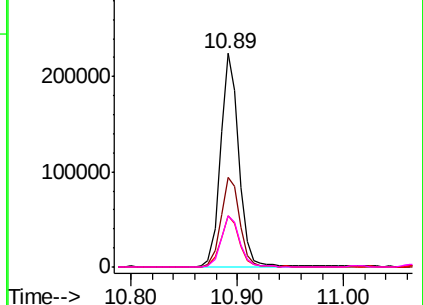
61 24.3 19.2 28.8

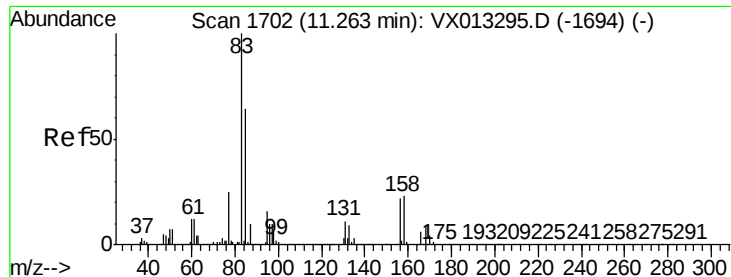
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.131 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

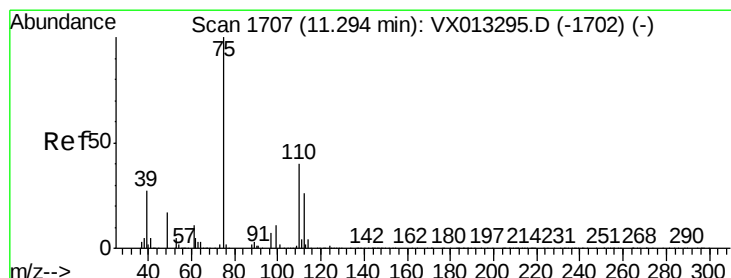
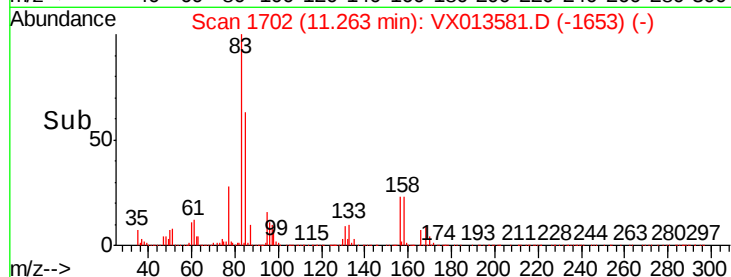
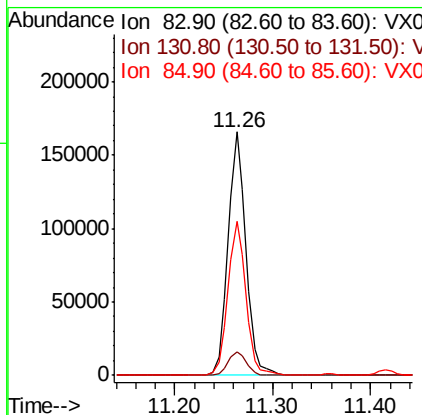
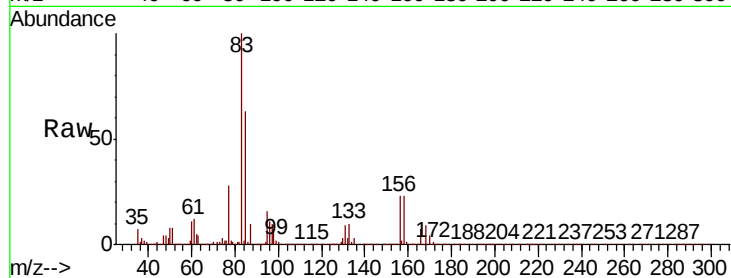
ClientSampleId :

VX1125MBSD01

Tot Ion:	83	Resp:	208682
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	63.8	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 20.852 ug/l m

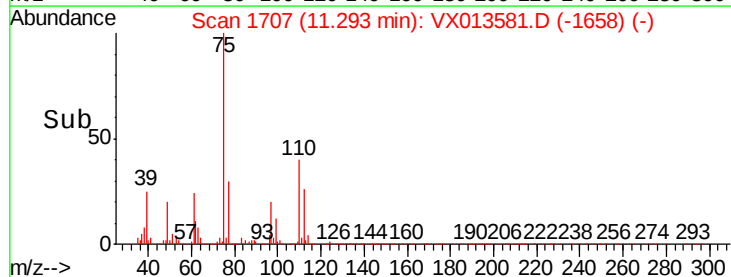
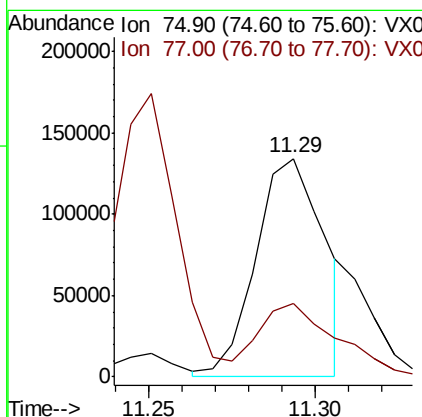
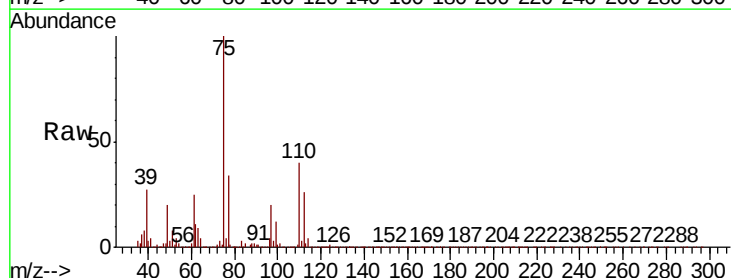
RT: 11.29 min Scan# 1707

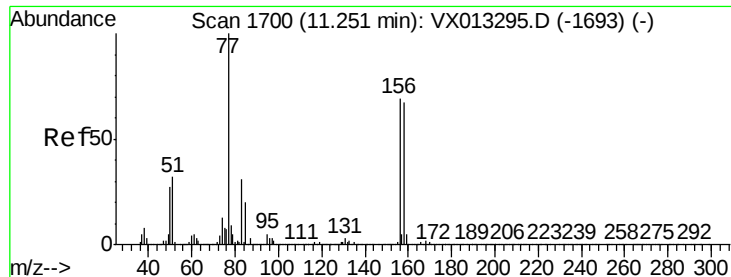
Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Tgt Ion:	75	Resp:	191002
Ion Ratio	Lower	Upper	
75	100		
77	38.2	22.3	66.8





#77

Bromobenzene

Concen: 18.510 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Instrument :

MSVOA_X

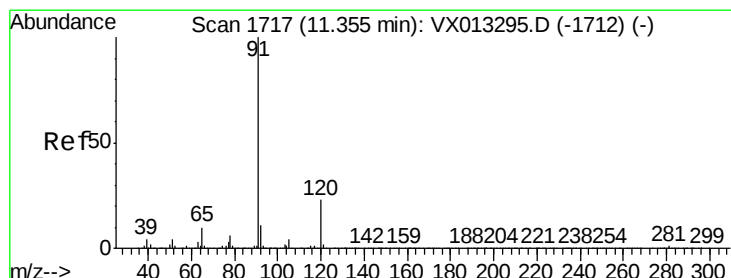
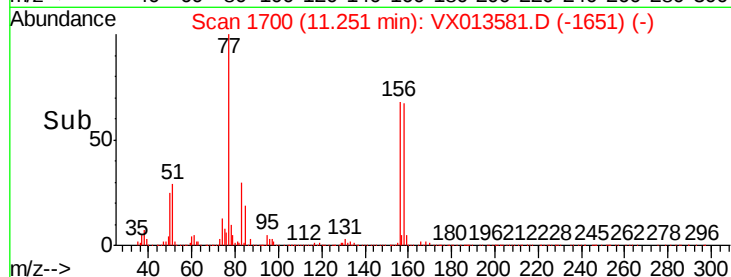
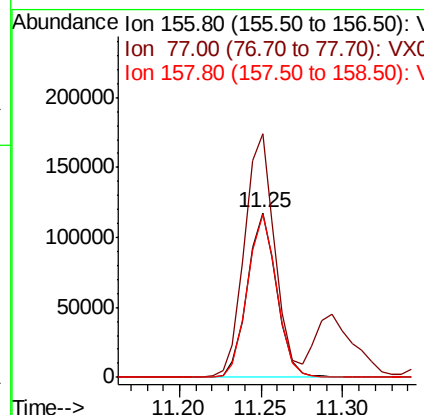
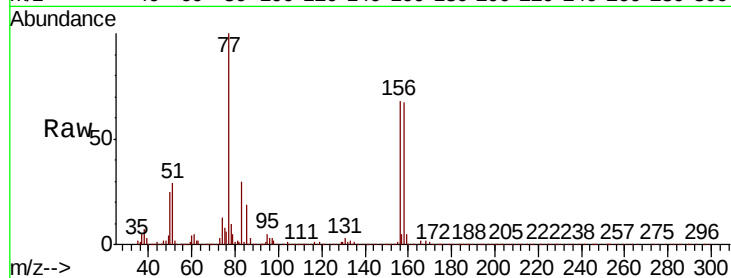
ClientSampleId :

VX1125MBSD01

Tot Ion:	156	Resp:	147547
Ion Ratio	Lower	Upper	
156	100		
77	153.2	75.8	227.4
158	98.8	47.6	142.8

Manual Integrations
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MMDadoda
12/4/2019 11:02:30 AM



#78

n-propylbenzene

Concen: 19.067 ug/l

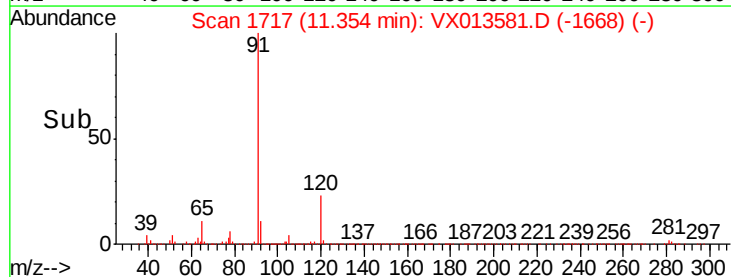
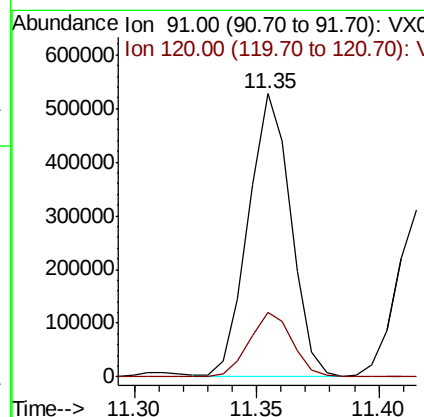
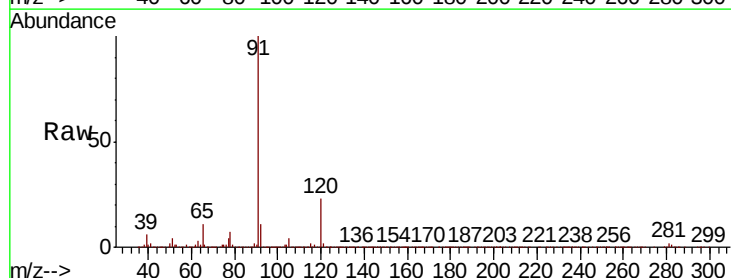
RT: 11.35 min Scan# 1717

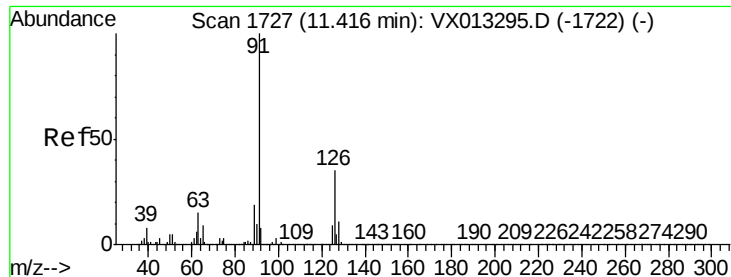
Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Tgt Ion:	91	Resp:	635077
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.6	34.8





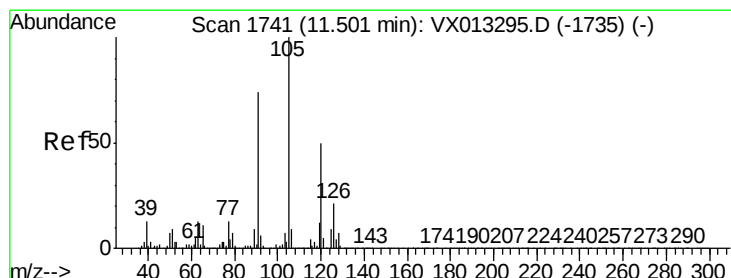
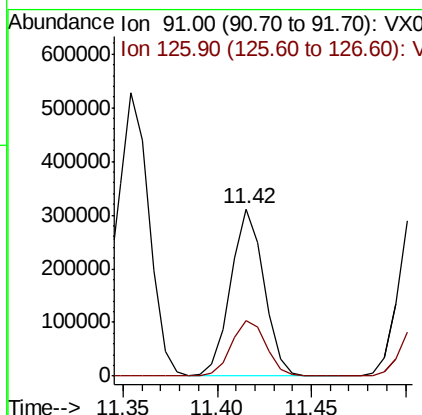
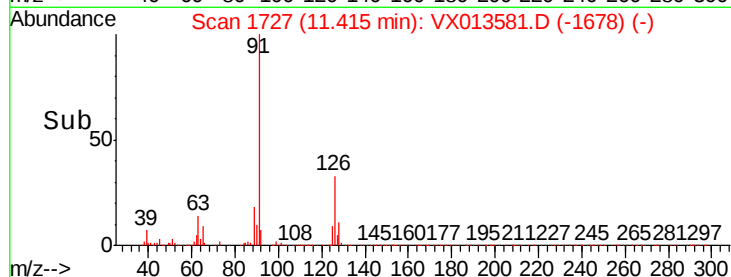
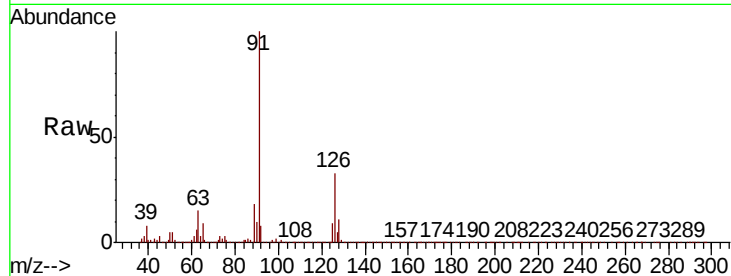
#79
2-Chlorotoluene
Concen: 18.952 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Tot Ion: 91 Resp: 380318
Ion Ratio Lower Upper
91 100
126 34.6 17.3 52.0

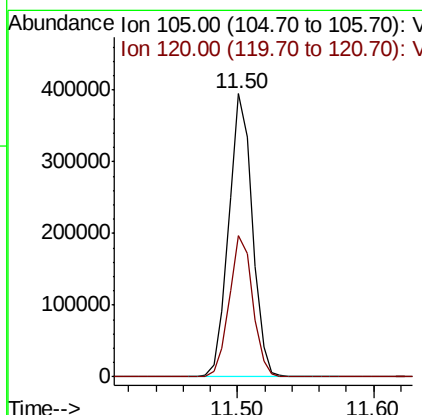
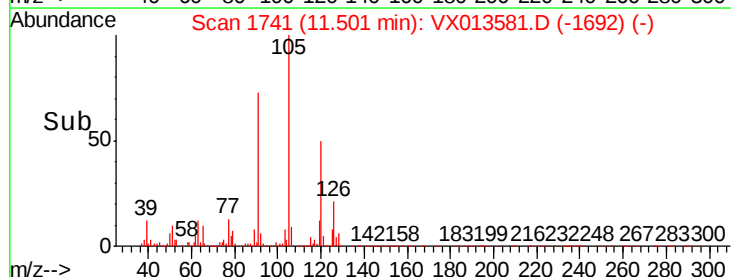
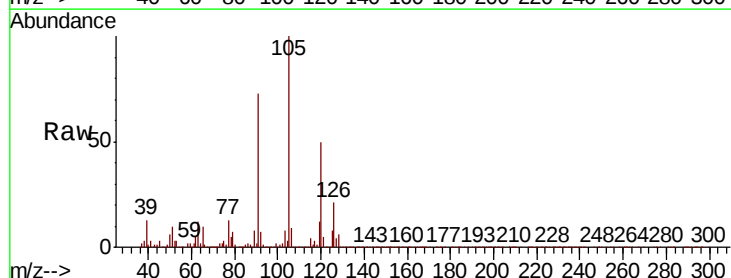
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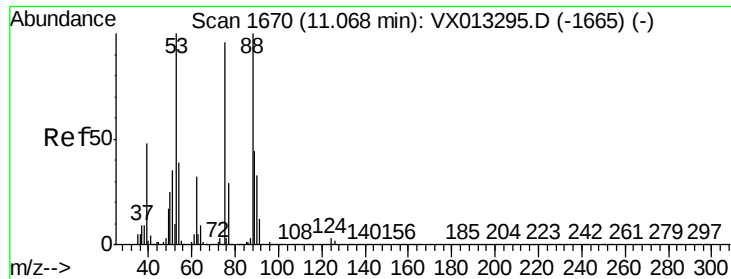
MMDadoda
12/4/2019 11:02:30 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.038 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion: 105 Resp: 474150
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.8





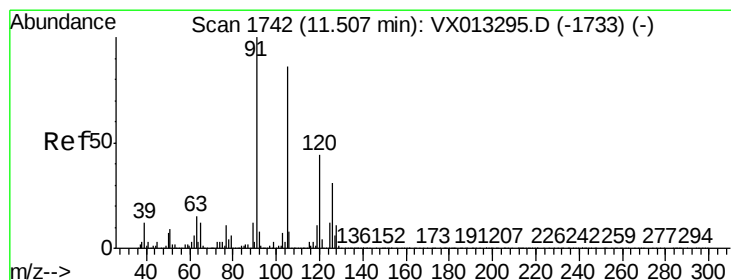
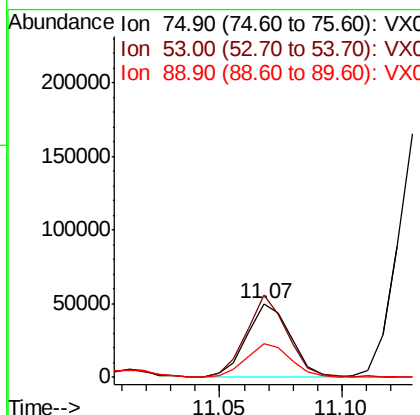
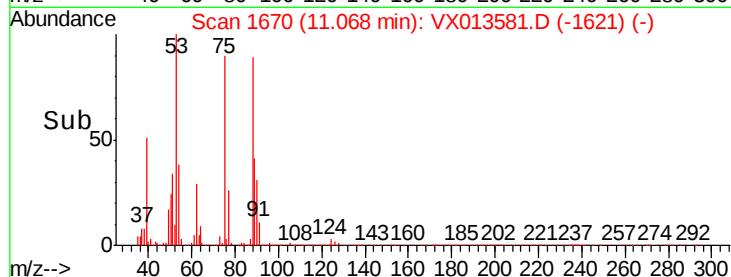
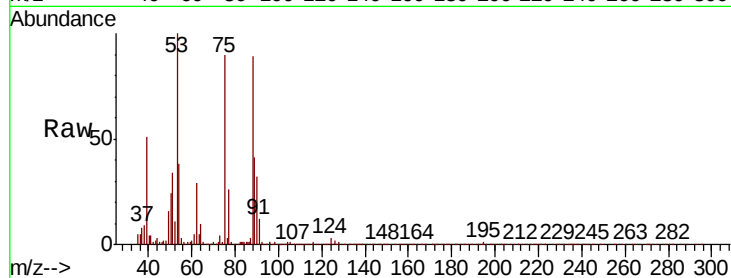
#81
trans-1,4-Dichloro-2-butene
Concen: 17.451 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.6	81.0	121.6
89	46.8	36.0	54.0

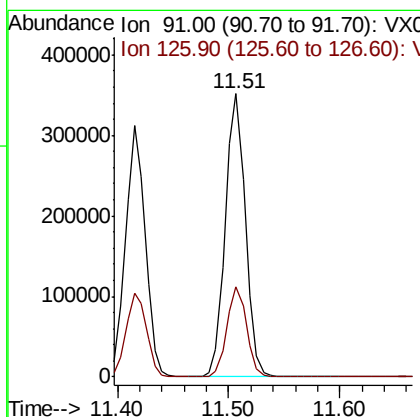
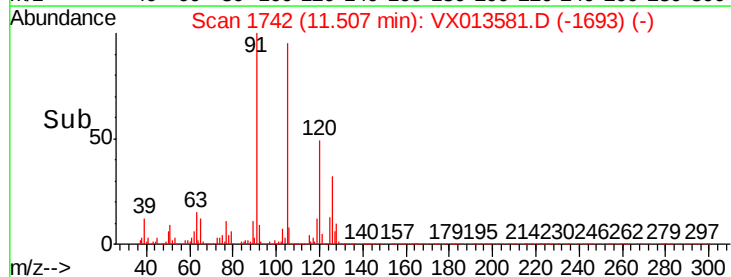
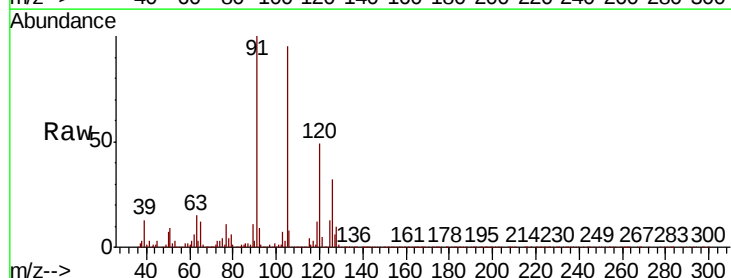
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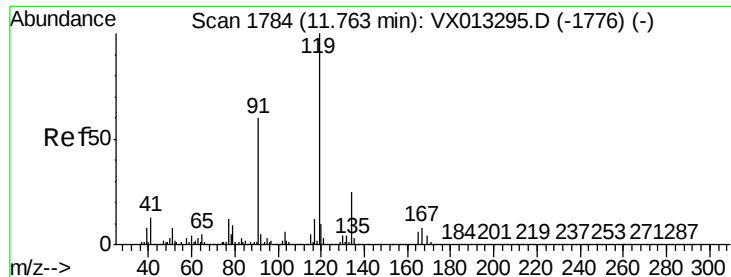
MMDadoda
12/4/2019 11:02:30 AM



#82
4-Chlorotoluene
Concen: 18.696 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.3	45.8





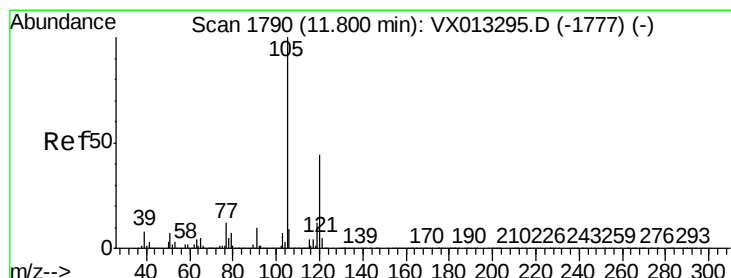
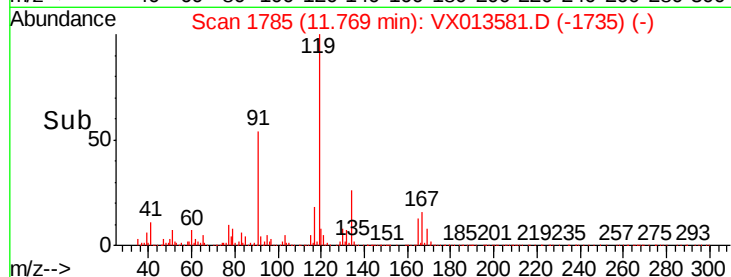
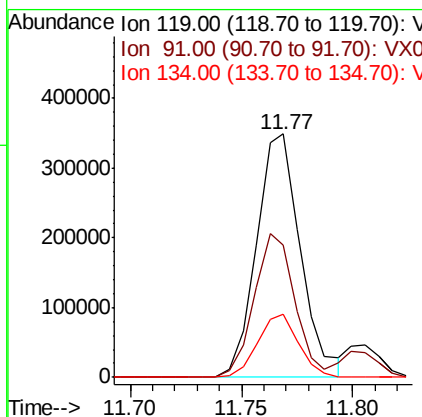
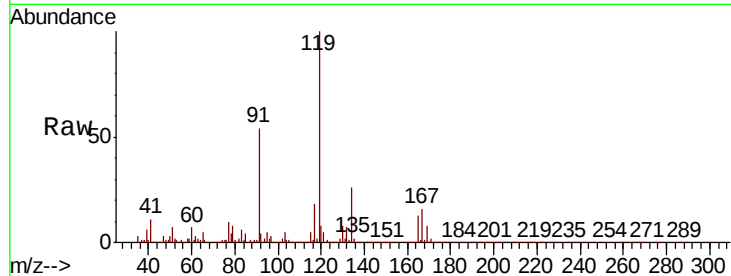
#83
tert-Butylbenzene
Concen: 19.150 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	480124		
91	54.4	26.9	80.7	
134	24.1	11.7	35.1	

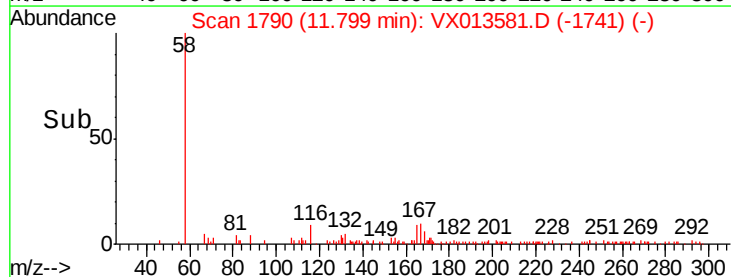
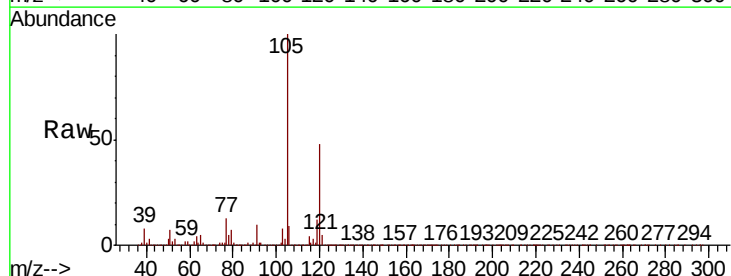
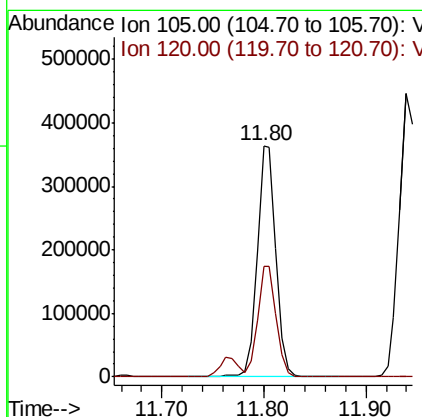
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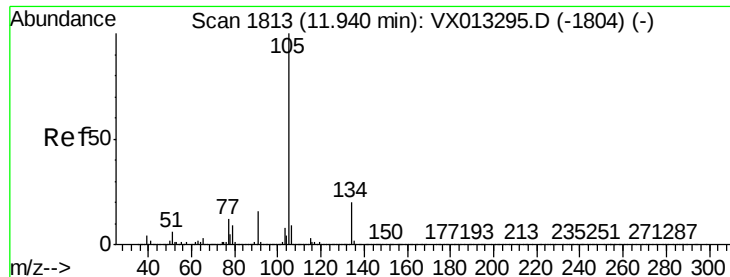
MMDadoda
12/4/2019 11:02:30 AM



#84
1,2,4-Trimethylbenzene
Concen: 18.775 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	469083		
120	47.2	22.7	68.1	





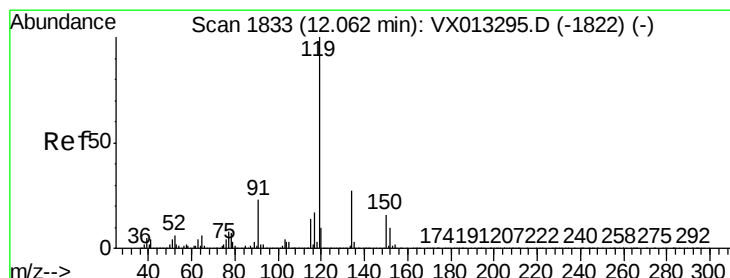
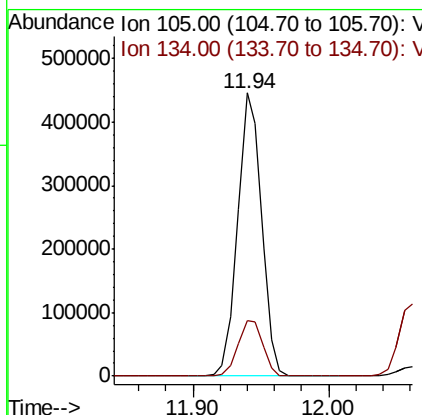
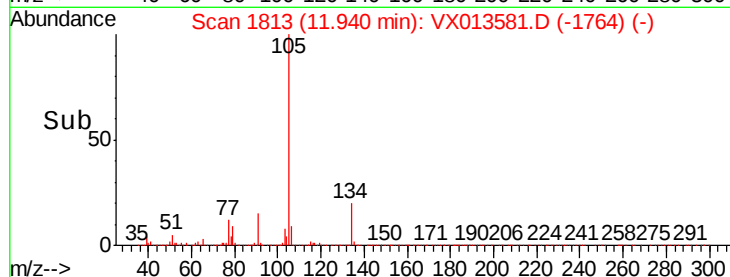
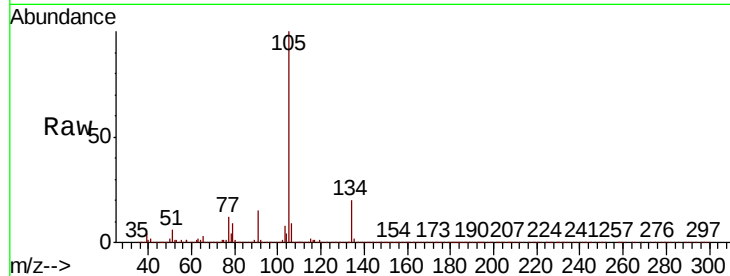
#85
 sec-Butylbenzene
 Concen: 18.922 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013581.D
 Acq: 25 Nov 2019 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.3	30.9

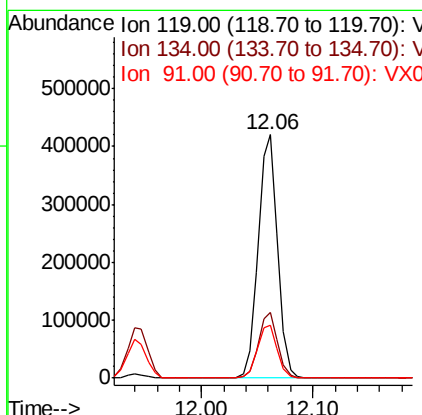
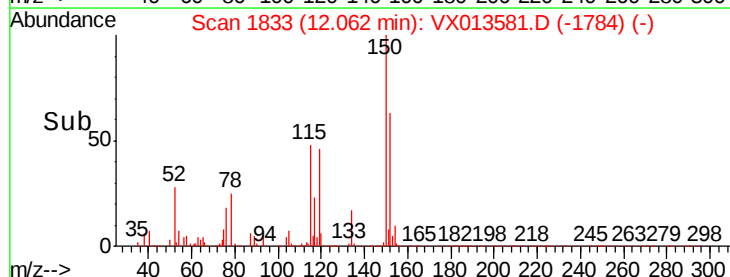
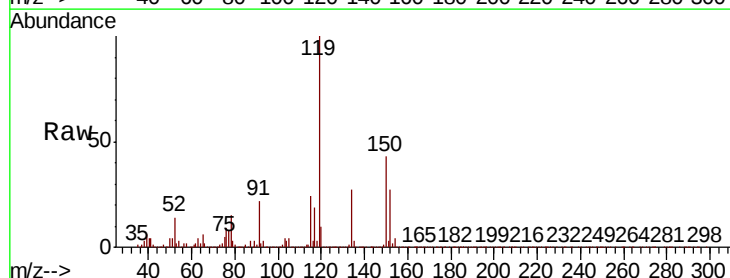
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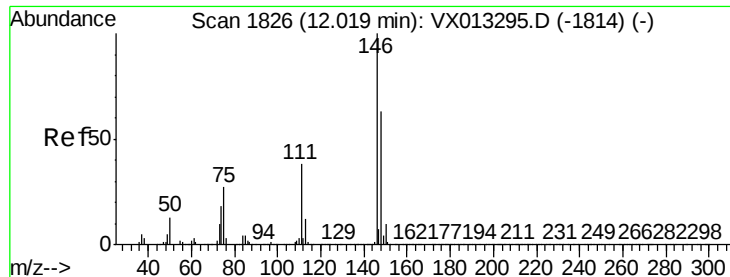
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 12/4/2019 11:02:30 AM



#86
 p-Isopropyltoluene
 Concen: 19.209 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013581.D
 Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.8
91	22.4	11.5	34.4





#87

1,3-Dichlorobenzene

Concen: 18.710 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

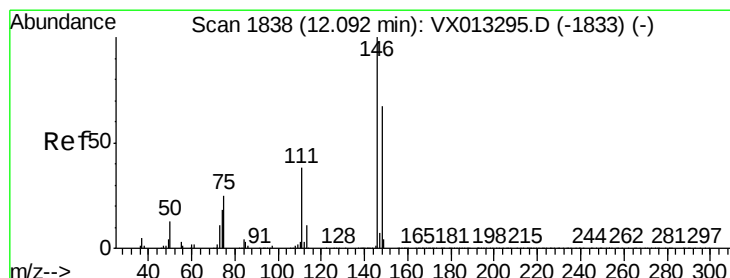
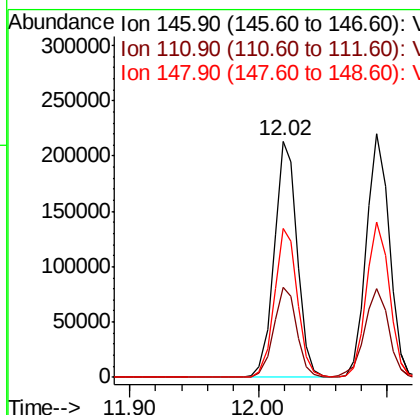
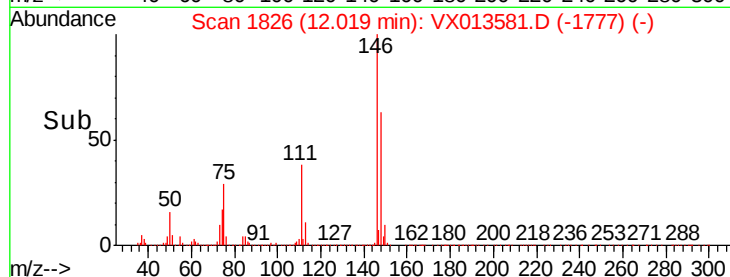
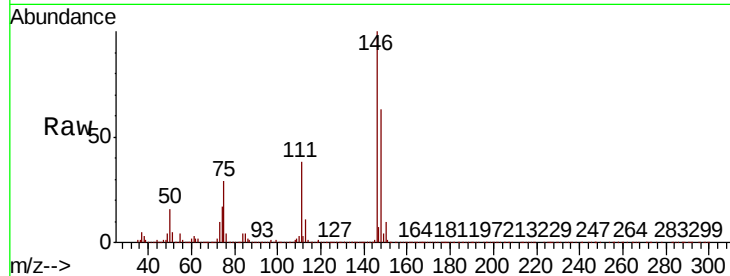
Instrument :
MSVOA_X

ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	265844		
111	38.2	18.9	56.5	
148	63.1	31.9	95.7	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.427 ug/l

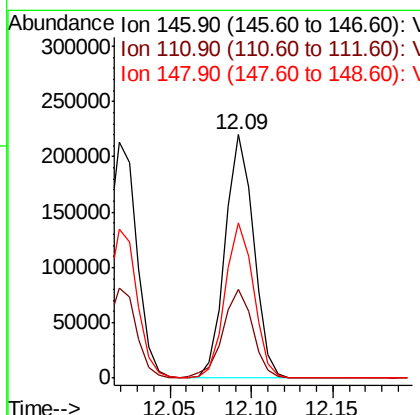
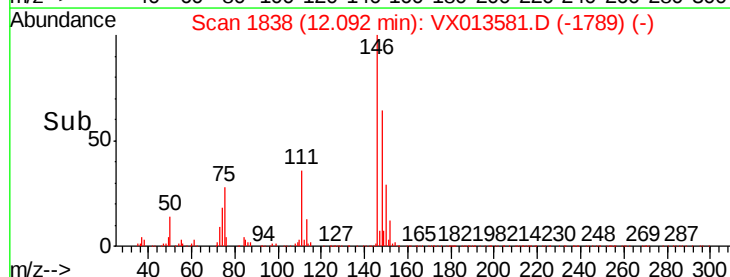
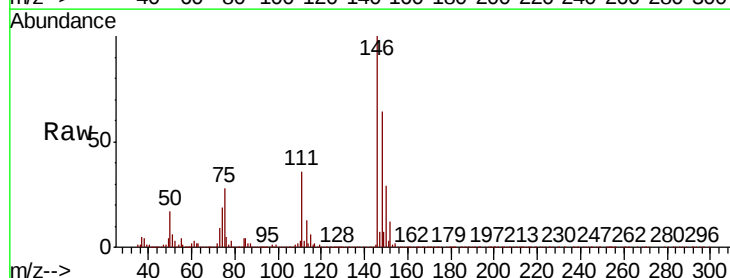
RT: 12.09 min Scan# 1838

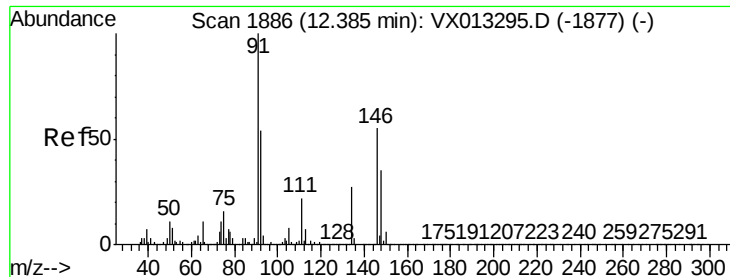
Delta R.T. -0.00 min

Lab File: VX013581.D

Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	266758		
111	38.6	18.8	56.4	
148	63.6	32.4	97.0	





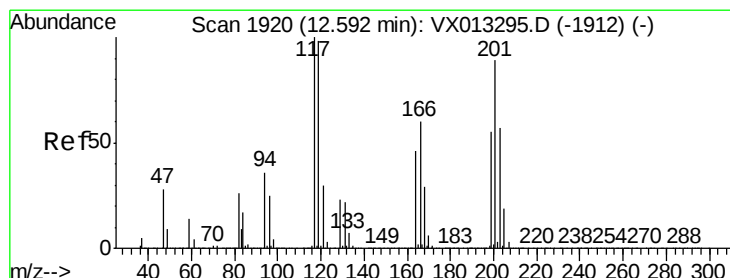
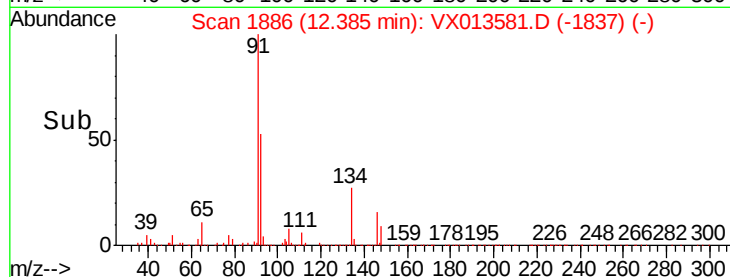
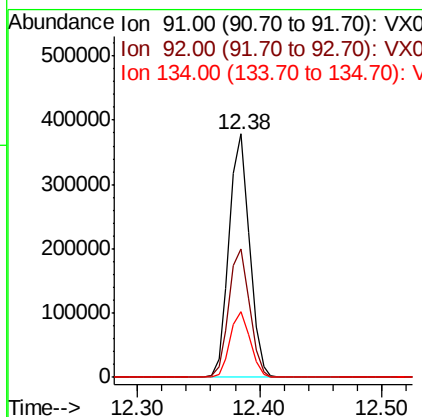
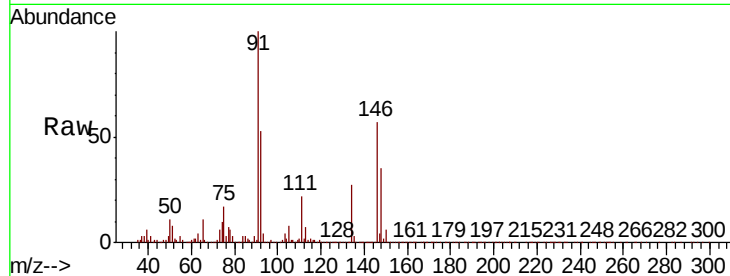
#89
n-Butylbenzene
Concen: 18.770 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion:	91	Resp:	434557
Ion Ratio	Lower	Upper	
91	100		
92	53.8	27.3	81.8
134	26.8	13.5	40.5

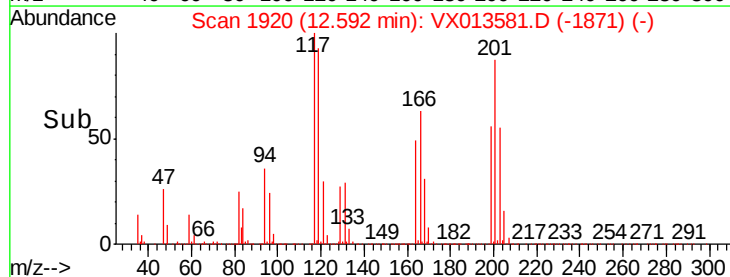
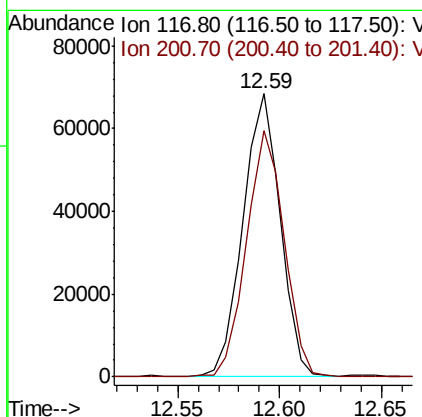
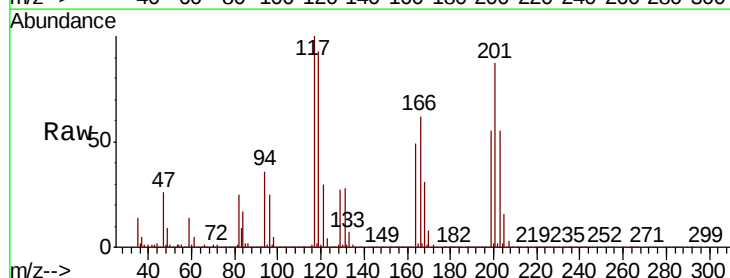
Manual Integrations
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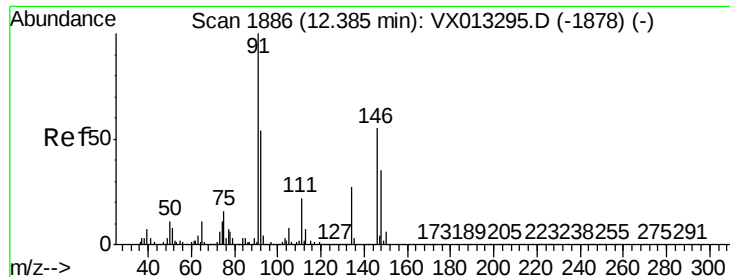
MMDadoda
12/4/2019 11:02:30 AM



#90
Hexachloroethane
Concen: 18.246 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion:	117	Resp:	86254
Ion Ratio	Lower	Upper	
117	100		
201	88.3	43.9	131.7





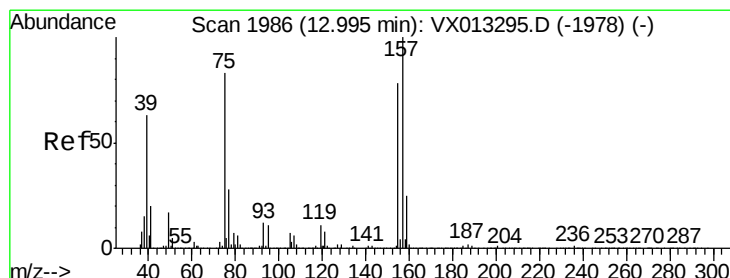
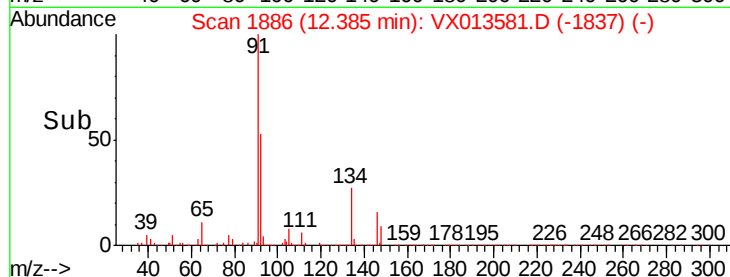
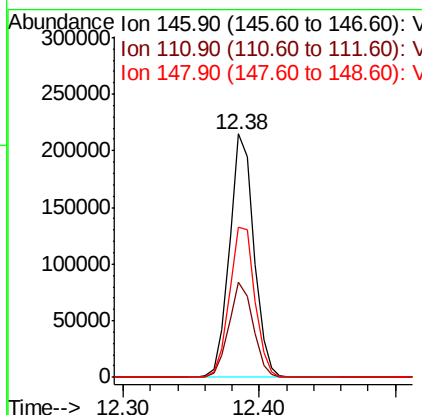
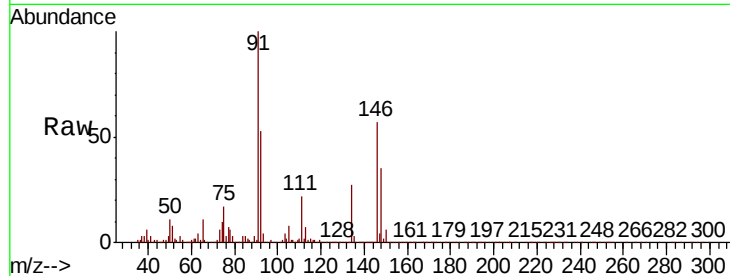
#91
 1,2-Dichlorobenzene
 Concen: 18.849 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013581.D
 Acq: 25 Nov 2019 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	267705		
111	39.0	20.1	60.2	
148	64.0	32.0	96.0	

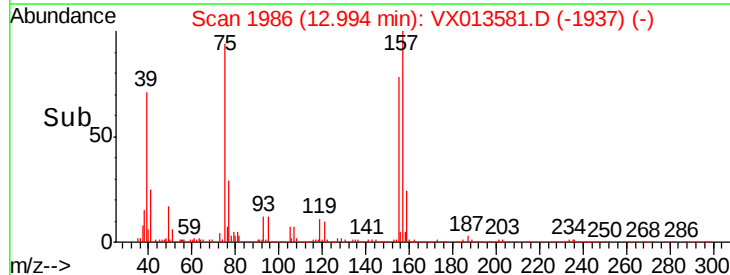
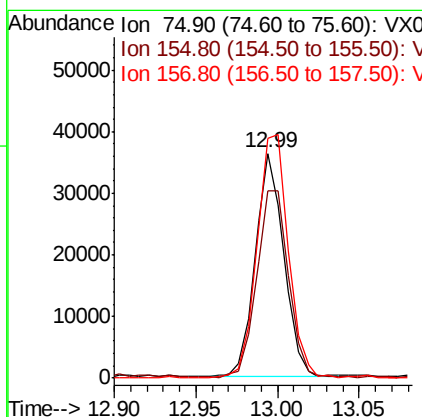
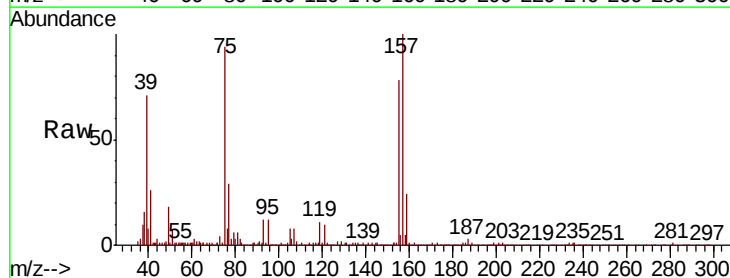
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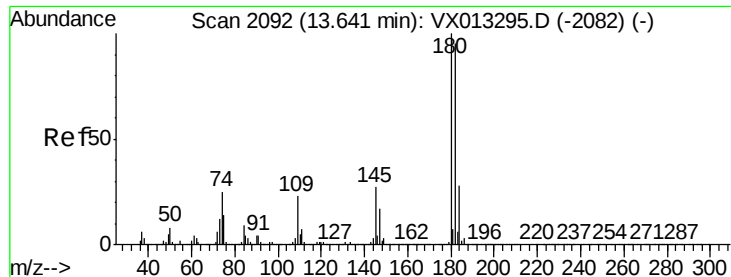
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.570 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013581.D
 Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44037		
155	92.8	47.1	141.4	
157	120.2	61.3	183.8	





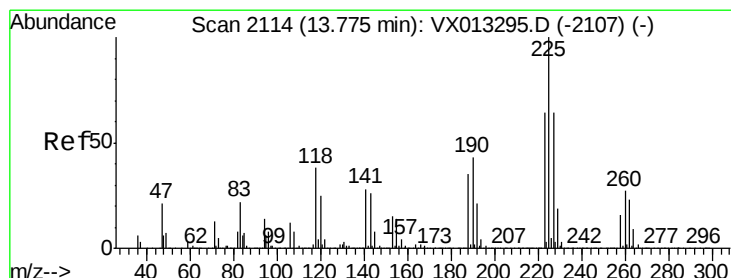
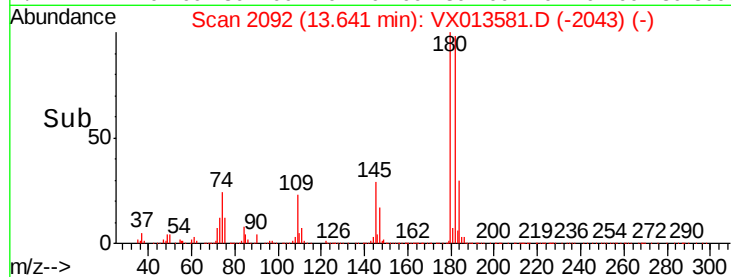
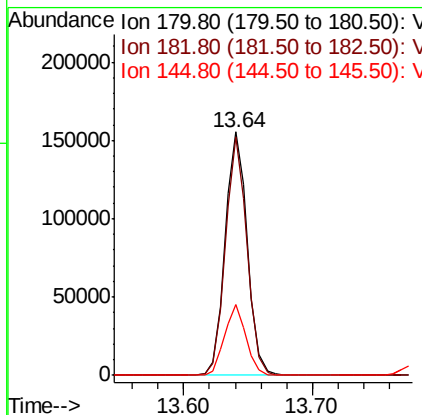
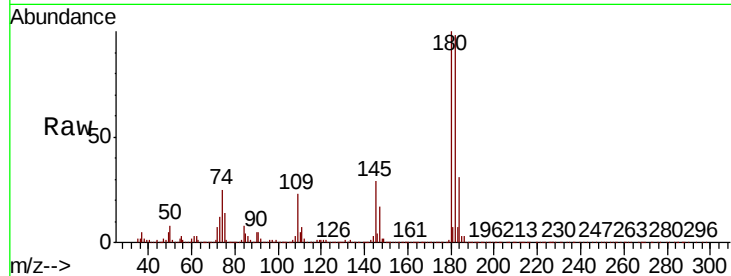
#93
 1,2,4-Trichlorobenzene
 Concen: 18.988 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013581.D
 Acq: 25 Nov 2019 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBSD01

Tot Ion:	180	Resp:	188120
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.4	145.0
145	28.3	14.1	42.4

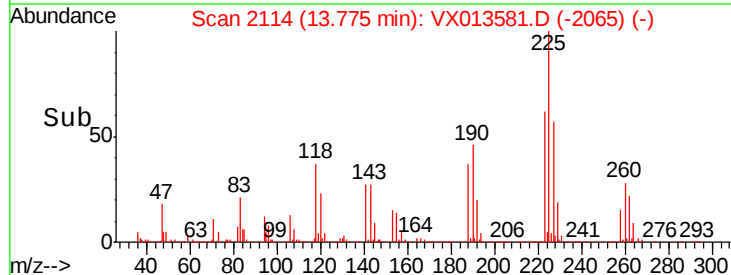
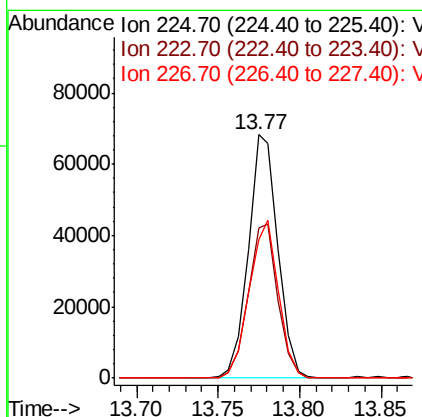
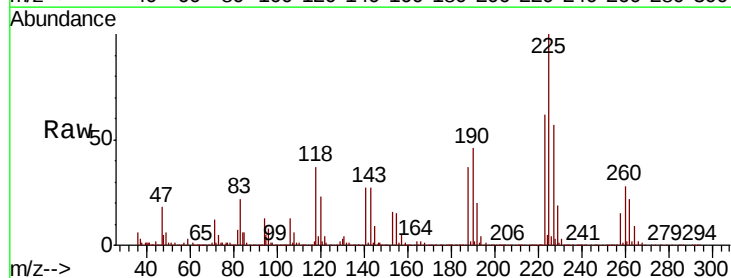
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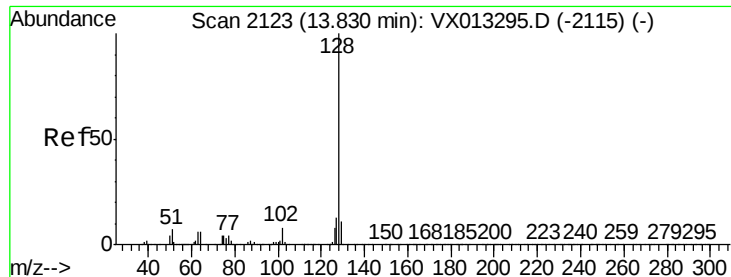
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#94
 Hexachlorobutadiene
 Concen: 17.763 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013581.D
 Acq: 25 Nov 2019 15:14

Tgt Ion:	225	Resp:	86095
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.9	95.7
227	64.3	31.9	95.9





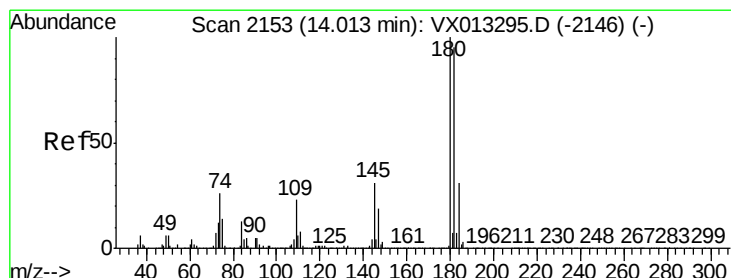
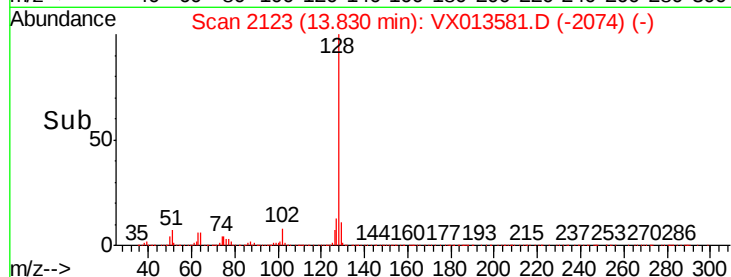
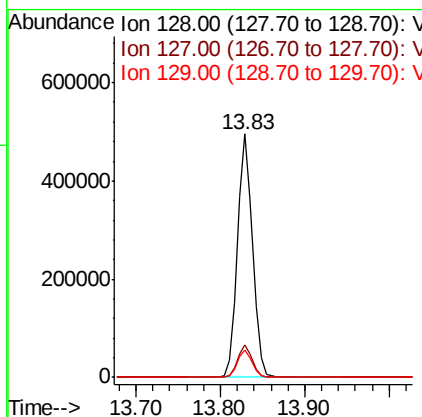
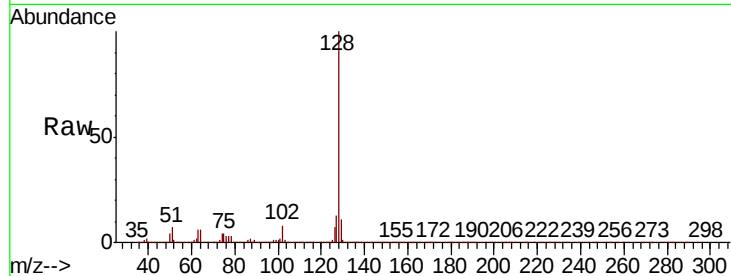
#95
Naphthalene
Concen: 19.090 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBSD01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.8	8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.166 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013581.D
Acq: 25 Nov 2019 15:14

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.0	48.0	144.2
145	29.5	15.4	46.4

