

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015936.D
 Acq On : 24 Apr 2020 17:28
 Operator : JC/SP
 Sample : VX0424WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 12:40:20 PM

Quant Time: Apr 25 07:27:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	141948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	274382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	252012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	118972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	102454	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	5.47	113	76429	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	8.70	98	310500	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.12	95	119420	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	31934	20.462	ug/l	97
3) Chloromethane	1.31	50	31590	19.640	ug/l	99
4) Vinyl Chloride	1.39	62	41741	20.279	ug/l	99
5) Bromomethane	1.63	94	20609	27.769	ug/l	98
6) Chloroethane	1.72	64	24912	20.106	ug/l	96
7) Trichlorofluoromethane	1.92	101	49578	20.562	ug/l	98
8) Diethyl Ether	2.17	74	22808	19.876	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31019	20.223	ug/l	100
10) Methyl Iodide	2.49	142	33733	22.079	ug/l	98
11) Tert butyl alcohol	3.01	59	43070	100.019	ug/l	100
12) 1,1-Dichloroethene	2.36	96	32566	20.264	ug/l	99
13) Acrolein	2.27	56	25095	93.901	ug/l	100
14) Allyl chloride	2.71	41	57417	20.214	ug/l	100
15) Acrylonitrile	3.12	53	96029	102.028	ug/l	99
16) Acetone	2.42	43	76254	101.428	ug/l	99
17) Carbon Disulfide	2.55	76	91242	20.423	ug/l	99
18) Methyl Acetate	2.75	43	45705	20.102	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	117298	20.378	ug/l	99
20) Methylene Chloride	2.84	84	36775	19.775	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	36337	20.237	ug/l	96
22) Diisopropyl ether	3.82	45	112586	20.071	ug/l	98
23) Vinyl Acetate	3.79	43	472071	103.009	ug/l	100
24) 1,1-Dichloroethane	3.67	63	64689	20.160	ug/l	99
25) 2-Butanone	4.64	43	125153	102.239	ug/l	98
26) 2,2-Dichloropropane	4.56	77	58250	20.572	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	41000	20.128	ug/l	99
28) Bromochloromethane	4.99	49	28294	19.947	ug/l	100
29) Tetrahydrofuran	5.09	42	80840	100.251	ug/l	99
30) Chloroform	5.18	83	64603	20.367	ug/l	100
31) Cyclohexane	5.55	56	58174	19.355	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	56985	19.969	ug/l	99
36) 1,1-Dichloropropene	5.78	75	49455	18.886	ug/l	99
37) Ethyl Acetate	4.80	43	49726	18.931	ug/l	98
38) Carbon Tetrachloride	5.76	117	46035	19.238	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	59847	18.854	ug/l	98
40) Benzene	6.12	78	148589	19.389	ug/l	97
41) Methacrylonitrile	5.00	41	26553	17.834	ug/l	96
42) 1,2-Dichloroethane	6.17	62	53504	19.950	ug/l	98
43) Isopropyl Acetate	6.42	43	84636	19.612	ug/l	99
44) Trichloroethene	7.19	130	45329	19.215	ug/l	94
45) 1,2-Dichloropropane	7.49	63	38238	19.499	ug/l	99
46) Dibromomethane	7.64	93	25397	19.393	ug/l	98
47) Bromodichloromethane	7.88	83	51463	19.310	ug/l	99
48) Methyl methacrylate	7.75	41	41049	19.344	ug/l	97
49) 1,4-Dioxane	7.72	88	18331	388.403	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	249869	98.767	ug/l	99
52) Toluene	8.77	92	93015	19.133	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	62295	19.385	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	64870	19.297	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	37490	19.309	ug/l	99
56) Ethyl methacrylate	9.16	69	59639	19.067	ug/l	97
57) 1,3-Dichloropropane	9.35	76	64549	19.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	152031	98.363	ug/l	99
59) 2-Hexanone	9.48	43	189594	98.695	ug/l	99
60) Dibromochloromethane	9.57	129	36928	19.152	ug/l	98
61) 1,2-Dibromoethane	9.65	107	38748	19.294	ug/l	99
64) Tetrachloroethene	9.32	164	50880	20.290	ug/l	98
65) Chlorobenzene	10.12	112	97684	19.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	34207	19.294	ug/l	97
67) Ethyl Benzene	10.24	91	179876	19.500	ug/l	99
68) m/p-Xylenes	10.34	106	134045	39.678	ug/l	100
69) o-Xylene	10.68	106	64583	19.590	ug/l	99
70) Styrene	10.70	104	109052	19.179	ug/l	99
71) Bromoform	10.84	173	23316	18.832	ug/l #	99
73) Isopropylbenzene	11.01	105	169317	19.147	ug/l	100
74) N-amyl acetate	10.88	43	76069	19.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	39145	19.588	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	51882m	20.330	ug/l	
77) Bromobenzene	11.24	156	39178	19.505	ug/l	98
78) n-propylbenzene	11.35	91	201328	19.283	ug/l	99
79) 2-Chlorotoluene	11.40	91	120466	19.574	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	146049	19.428	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	20689	18.262	ug/l	97
82) 4-Chlorotoluene	11.49	91	141298	19.235	ug/l	98
83) tert-Butylbenzene	11.76	119	122696	19.411	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	147073	19.080	ug/l	99
85) sec-Butylbenzene	11.93	105	166138	19.197	ug/l	100
86) p-Isopropyltoluene	12.05	119	151392	19.184	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	72373	19.596	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	74091	19.482	ug/l	99
89) n-Butylbenzene	12.37	91	138812	18.664	ug/l	99
90) Hexachloroethane	12.58	117	22579	18.336	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	70203	19.604	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11834	18.600	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

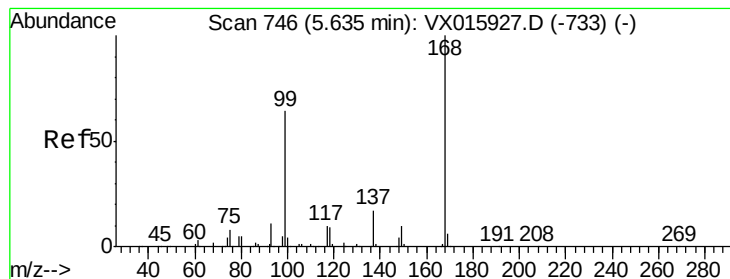
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	42396	18.351	ug/l	99
94) Hexachlorobutadiene	13.77	225	15734	19.212	ug/l	98
95) Naphthalene	13.82	128	164175	19.539	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	42998	19.671	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion:168 Resp: 141948

Ion Ratio Lower Upper

168 100

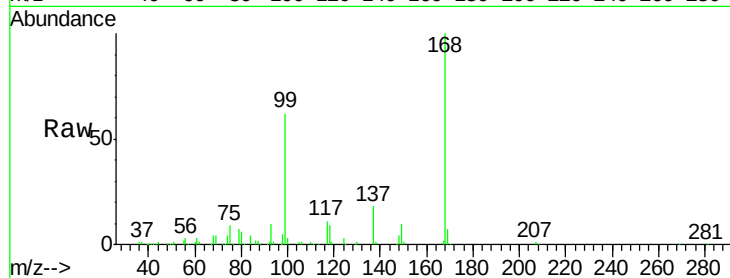
99 62.3 51.2 76.8

Manual Integrations

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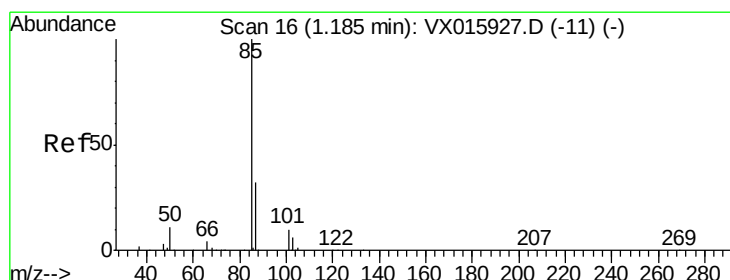
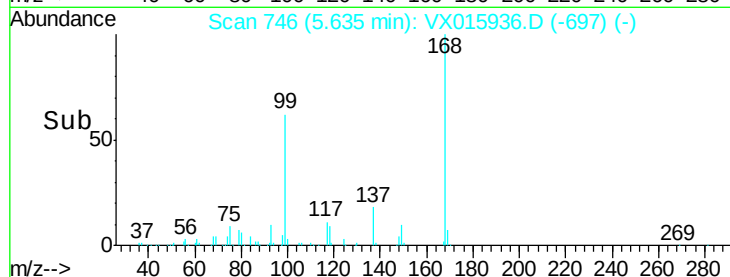
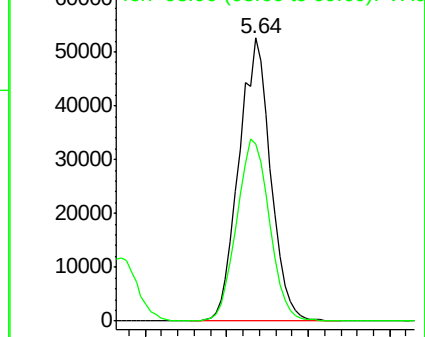
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.462 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015936.D

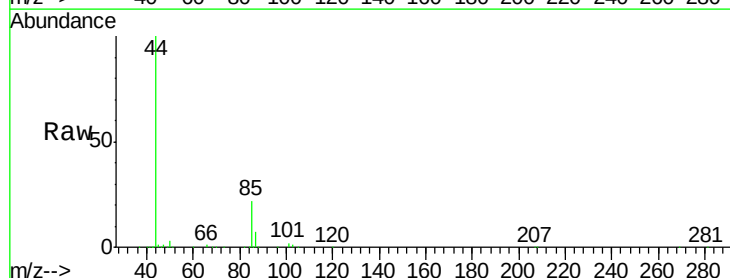
Acq: 24 Apr 2020 17:28

Tgt Ion: 85 Resp: 31934

Ion Ratio Lower Upper

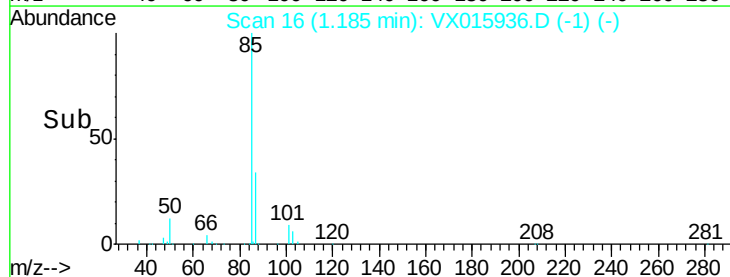
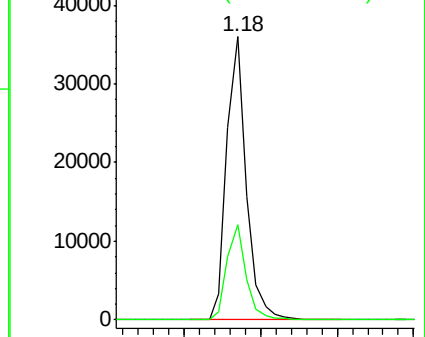
85 100

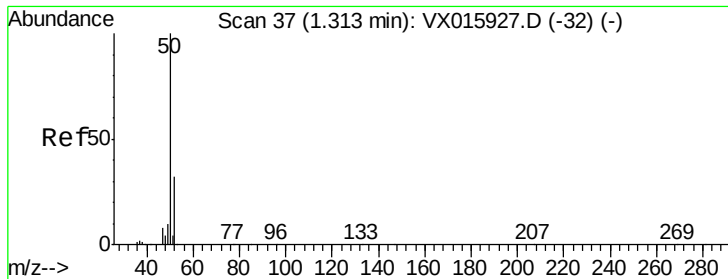
87 33.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.640 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion: 50 Resp: 31590

Ion Ratio Lower Upper

50 100

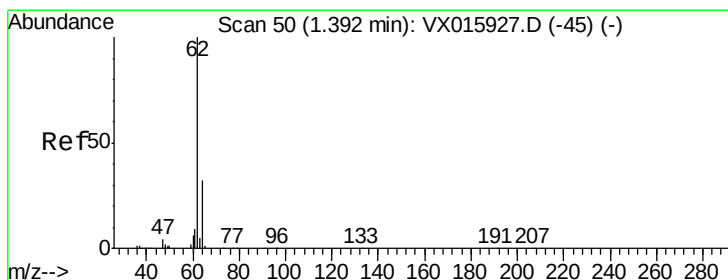
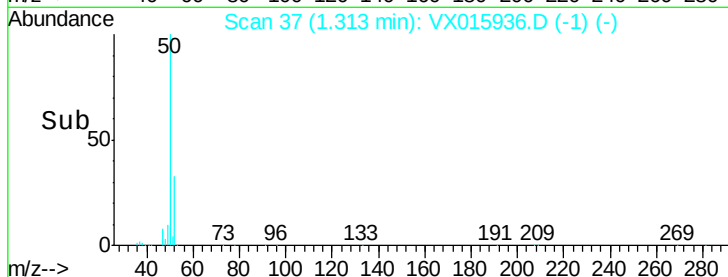
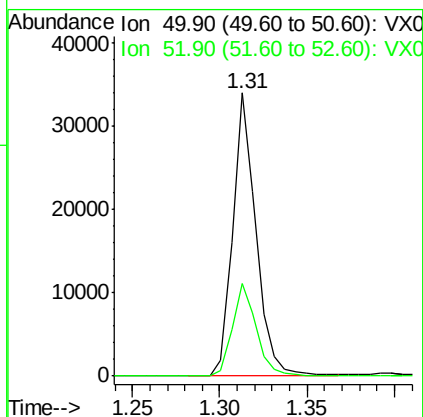
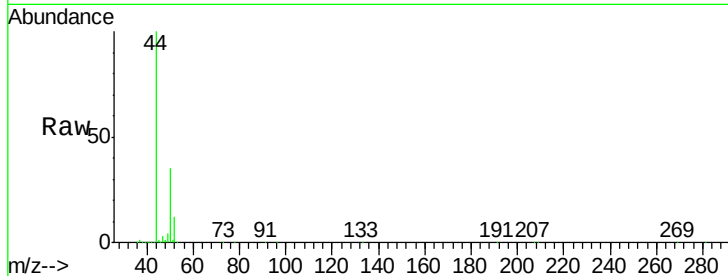
52 32.9 25.9 38.9

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#4

Vinyl Chloride

Concen: 20.279 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015936.D

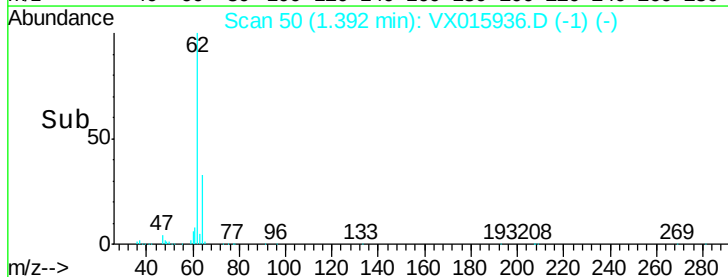
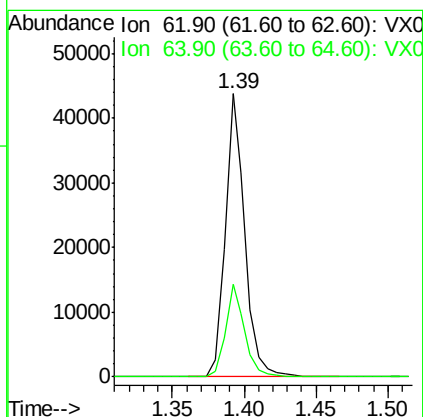
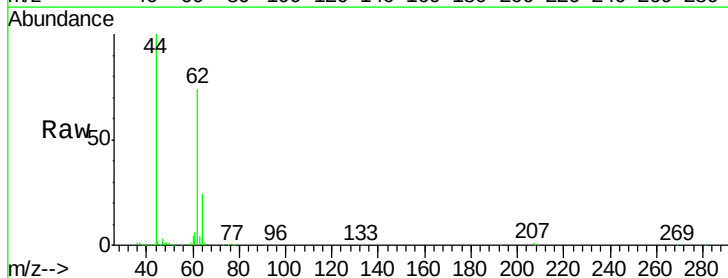
Acq: 24 Apr 2020 17:28

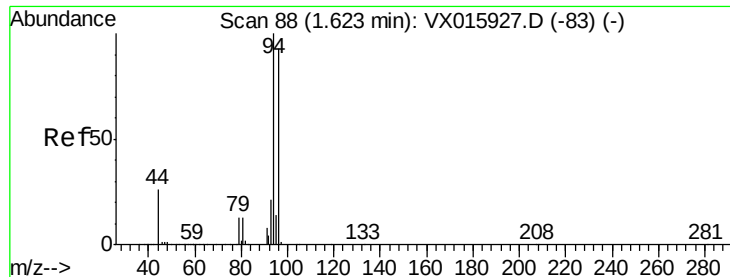
Tgt Ion: 62 Resp: 41741

Ion Ratio Lower Upper

62 100

64 32.7 25.5 38.3





#5

Bromomethane

Concen: 27.769 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion: 94 Resp: 20609

Ion Ratio Lower Upper

94 100

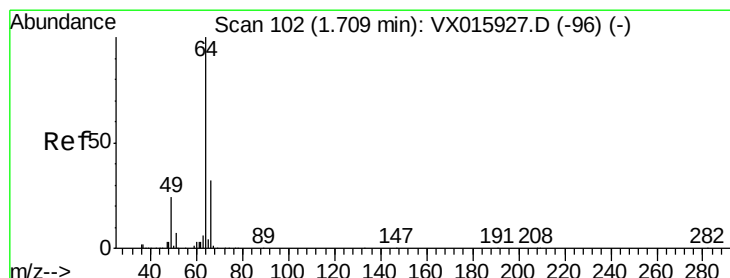
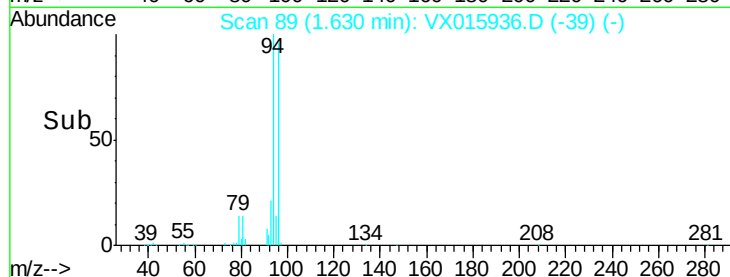
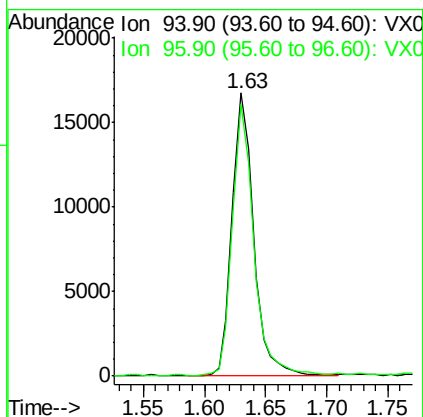
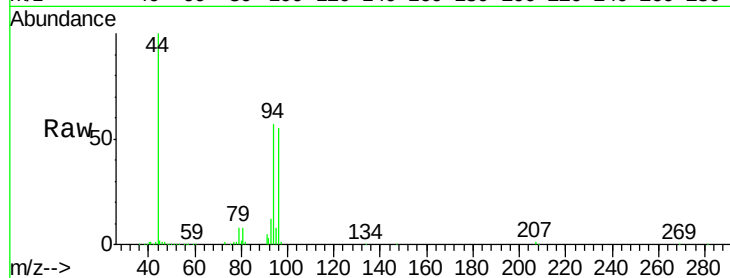
96 95.7 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 20.106 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX015936.D

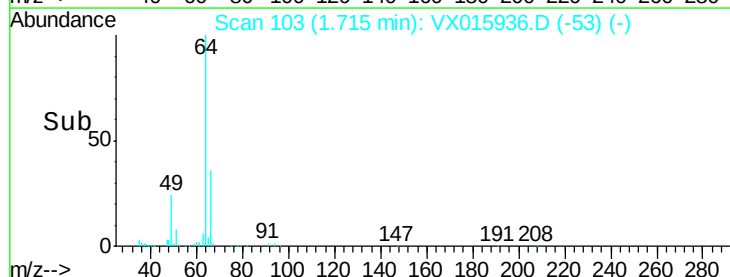
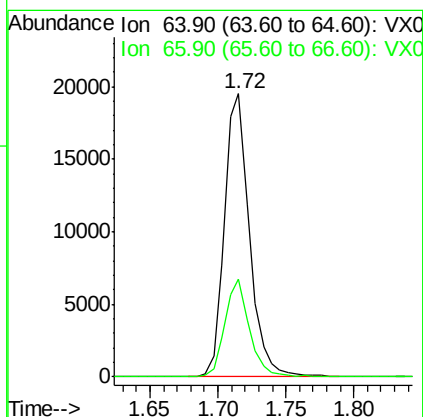
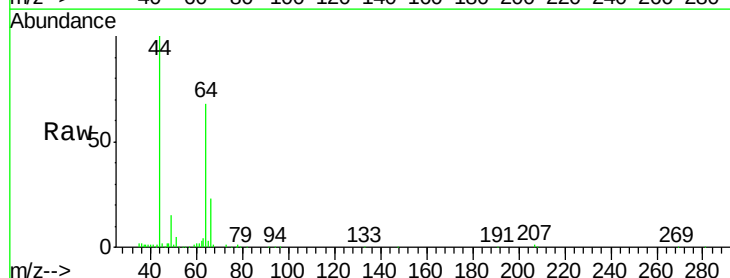
Acq: 24 Apr 2020 17:28

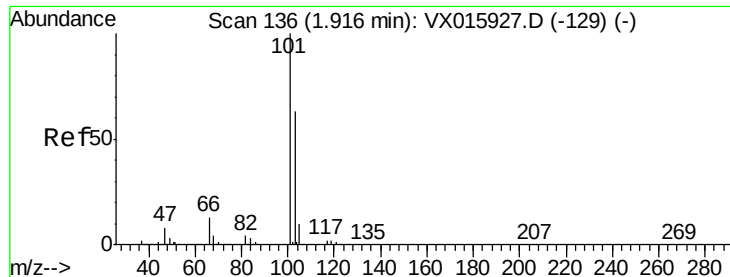
Tgt Ion: 64 Resp: 24912

Ion Ratio Lower Upper

64 100

66 34.5 25.8 38.8





#7

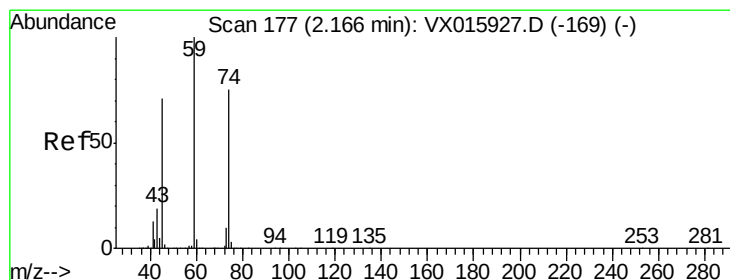
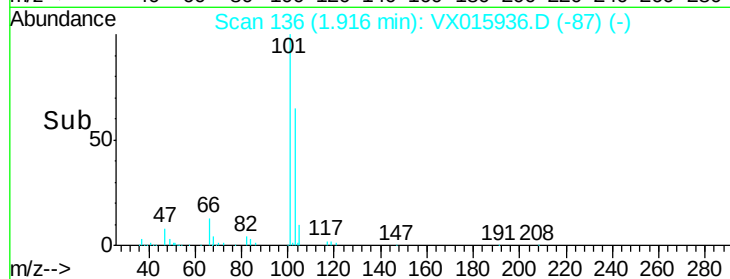
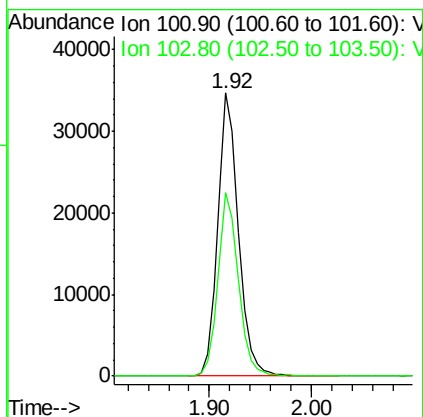
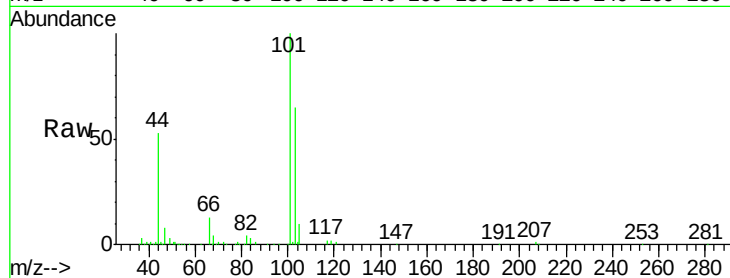
Trichlorofluoromethane
 Concen: 20.562 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
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 ClientSampleId :
 VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.8	76.2

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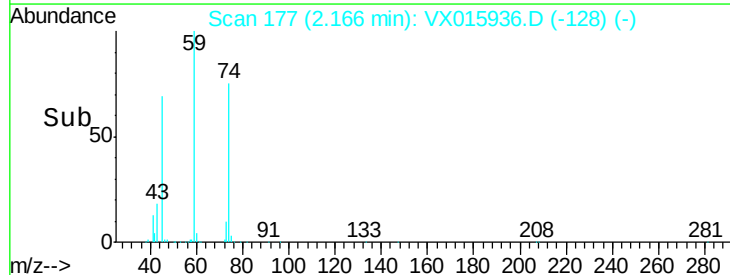
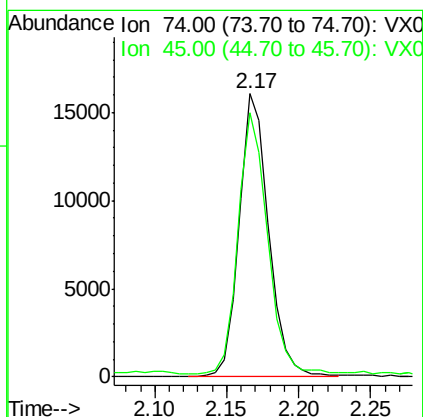
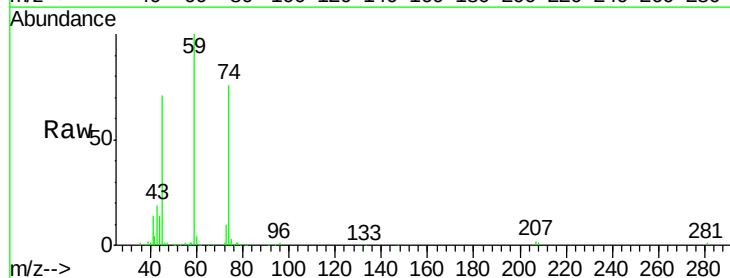
MMDadoda
 4/27/2020 12:40:20 PM

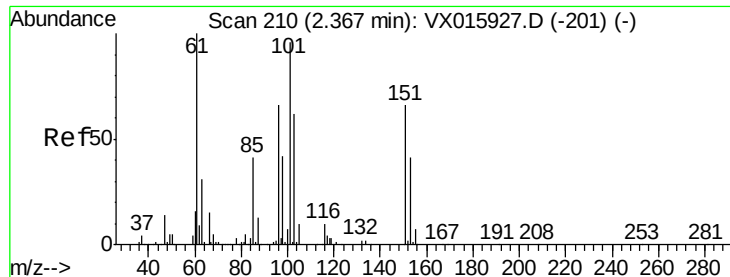


#8

Diethyl Ether
 Concen: 19.876 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.2	46.9	140.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.223 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

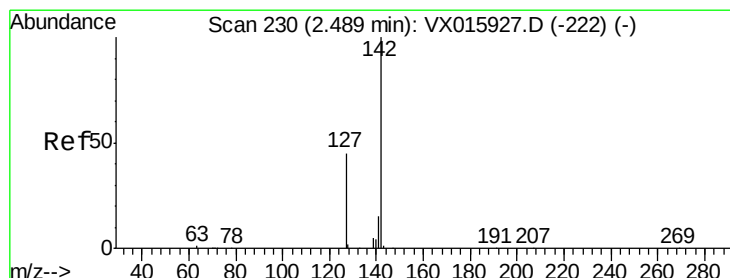
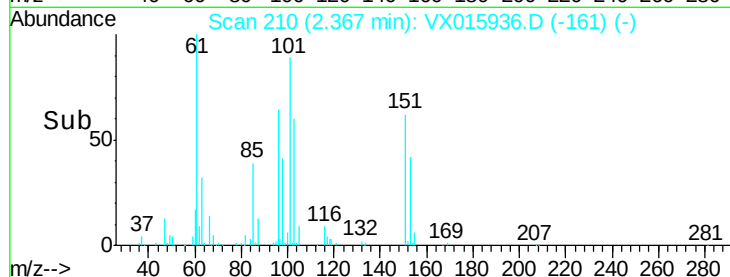
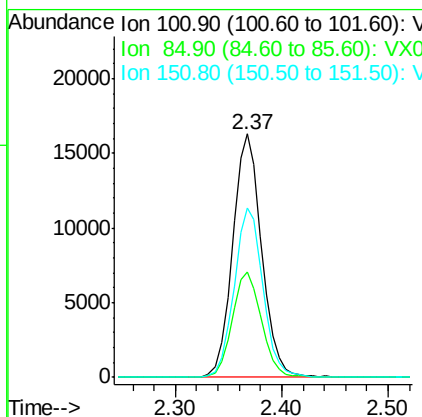
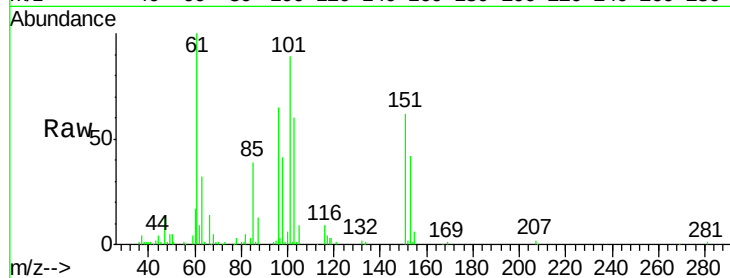
ClientSampleId :

VX0424WBSD01

Tot Ion:	101	Resp:	31019
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	69.2	55.8	83.6

Manual Integrations
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#10

Methyl Iodide

Concen: 22.079 ug/l

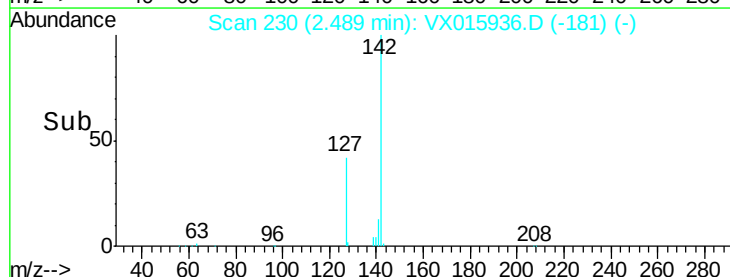
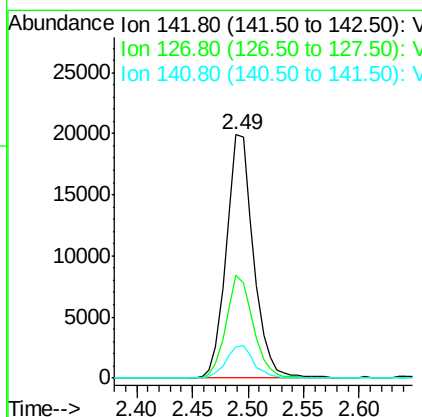
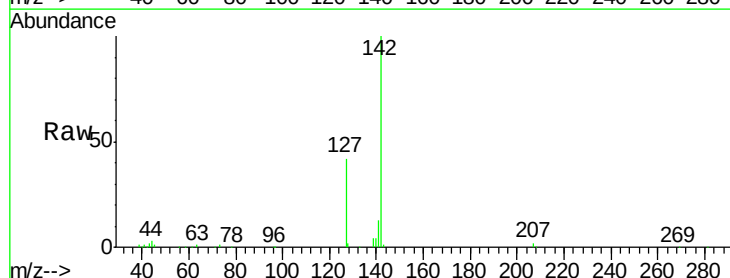
RT: 2.49 min Scan# 230

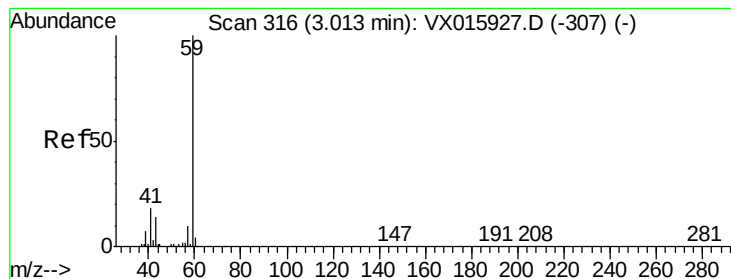
Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Tgt Ion:	142	Resp:	33733
Ion Ratio	Lower	Upper	
142	100		
127	42.0	34.4	51.6
141	13.5	11.5	17.3





#11

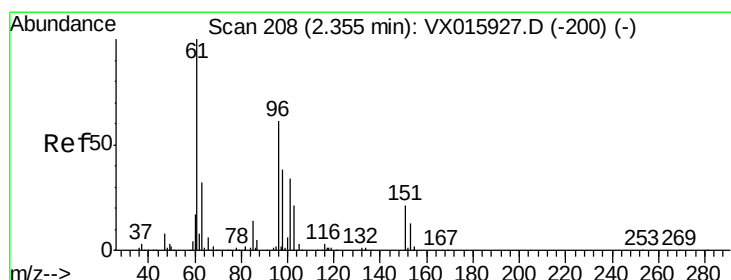
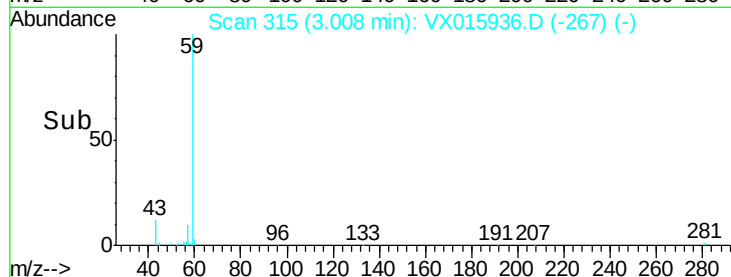
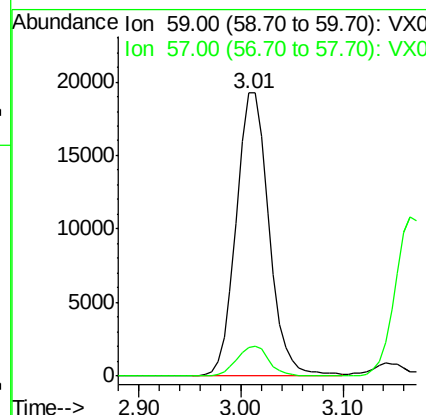
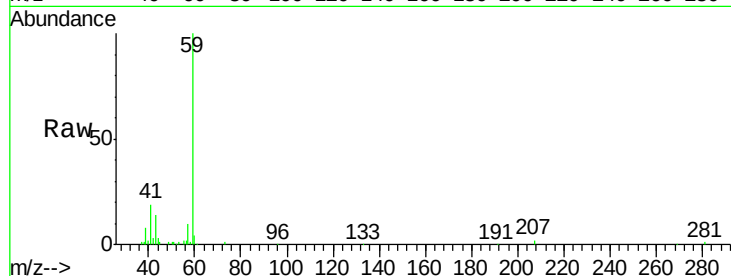
Tert butyl alcohol
Concen: 100.019 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.5	8.4	12.6

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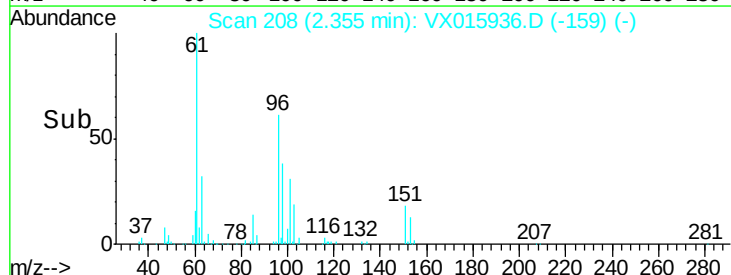
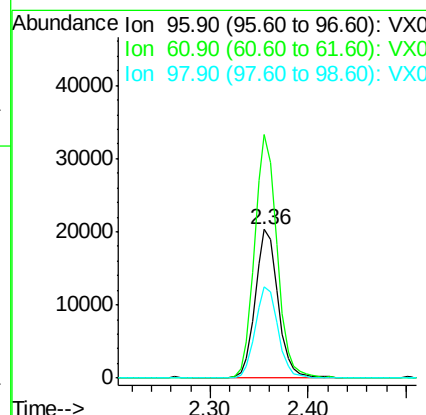
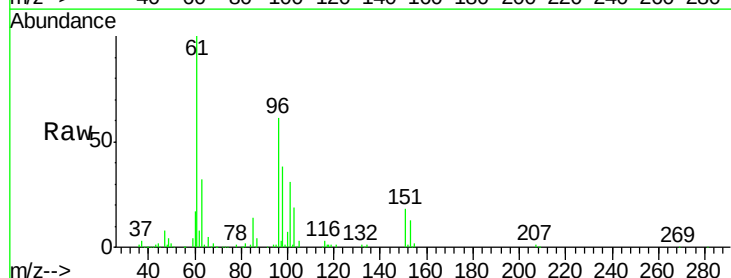
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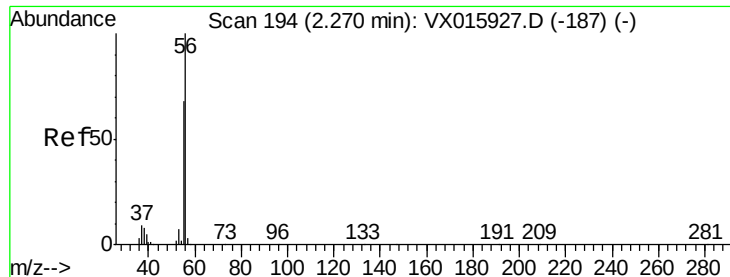


#12

1,1-Dichloroethene
Concen: 20.264 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	164.5	131.2	196.8
98	98	62.1	50.2	75.4





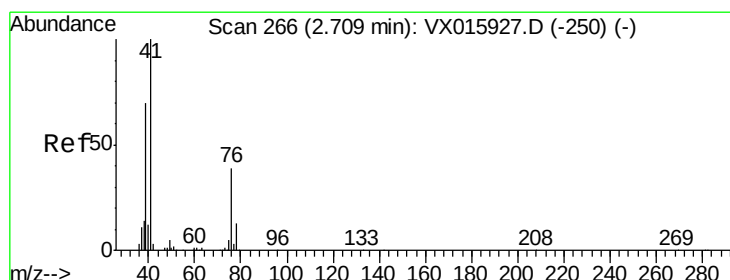
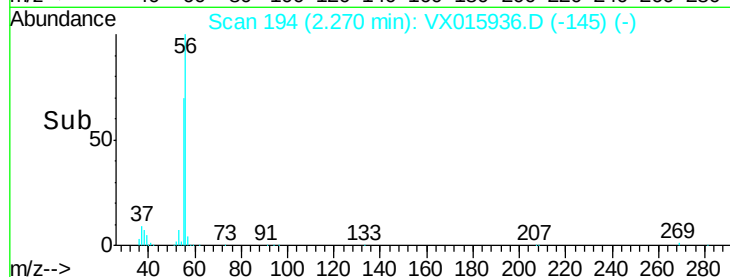
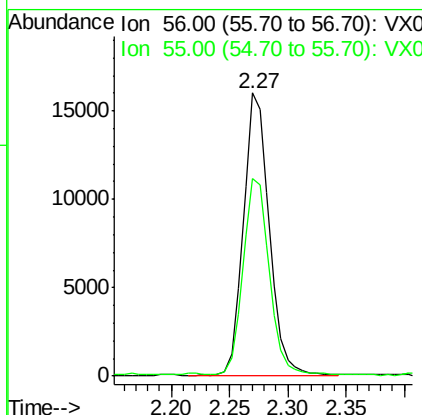
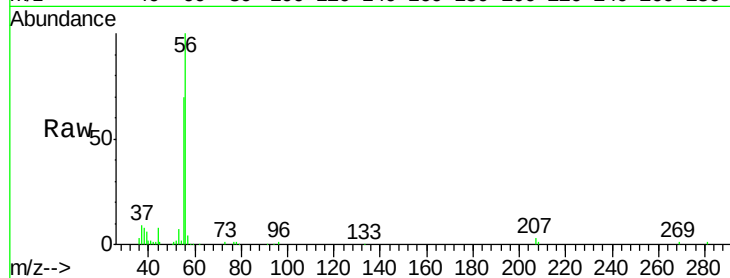
#13
Acrolein
Concen: 93.901 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampled :
VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.0	84.0

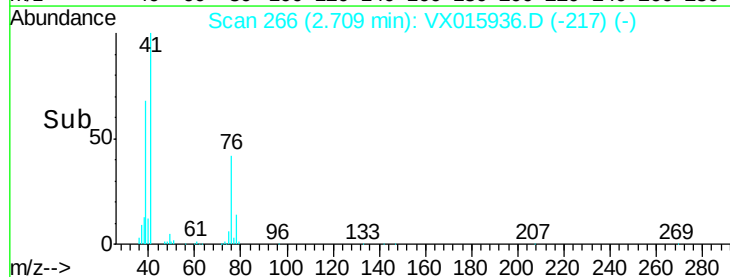
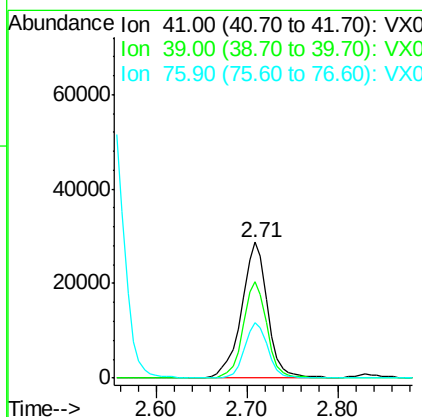
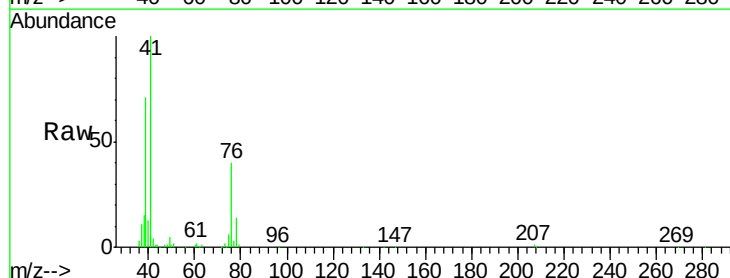
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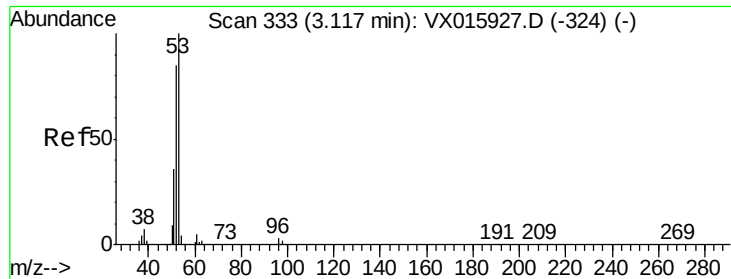
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4/27/2020 12:40:20 PM



#14
Allyl chloride
Concen: 20.214 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.3	51.6	77.4
76	36.1	29.3	43.9





#15

Acrylonitrile

Concen: 102.028 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

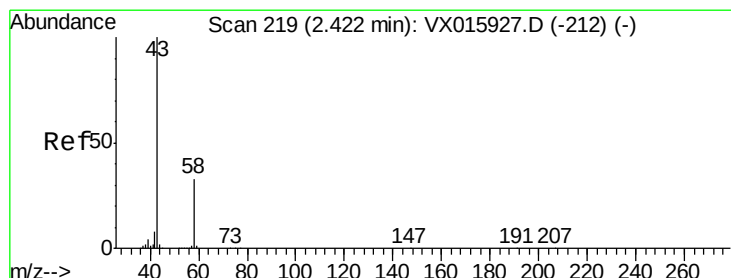
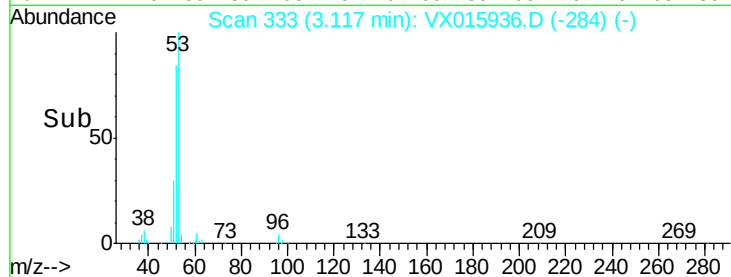
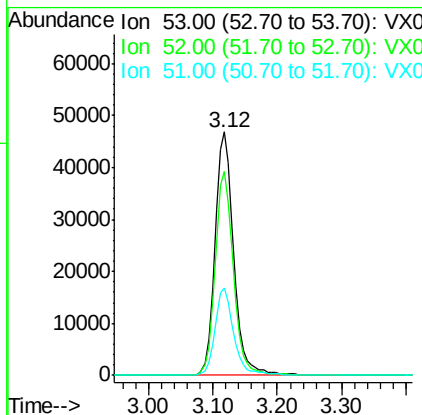
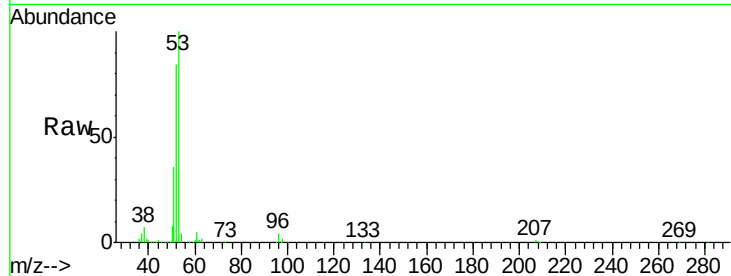
ClientSampleId :

VX0424WBSD01

Tot Ion:	53	Resp:	96029
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.5	98.3
51	36.1	28.2	42.2

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#16

Acetone

Concen: 101.428 ug/l

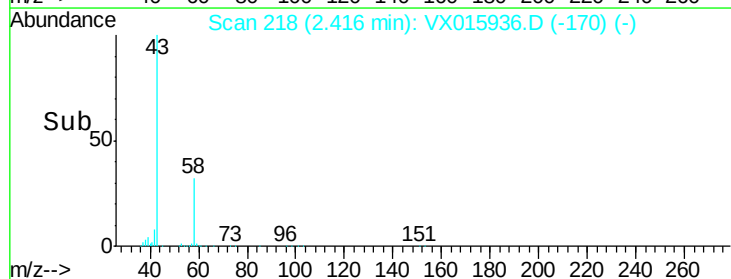
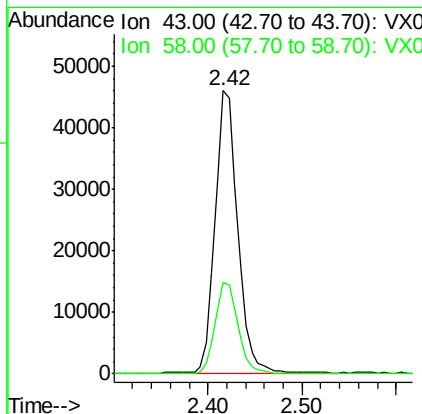
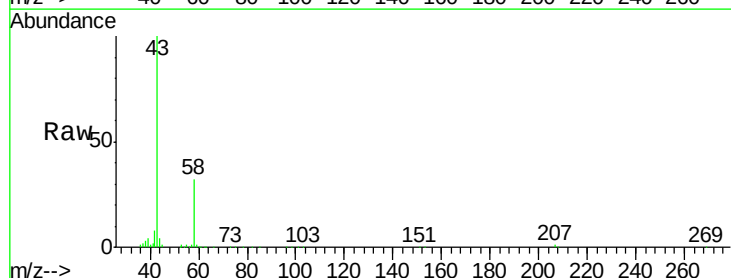
RT: 2.42 min Scan# 218

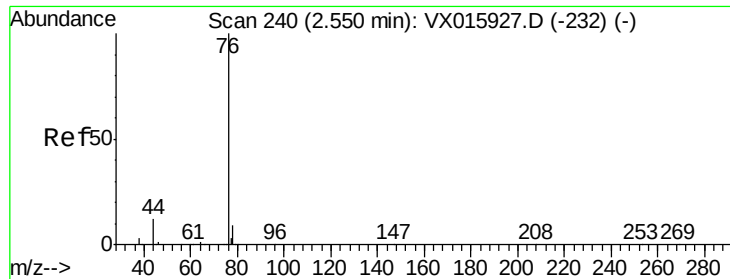
Delta R.T. -0.01 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Tgt Ion:	43	Resp:	76254
Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.4	39.6





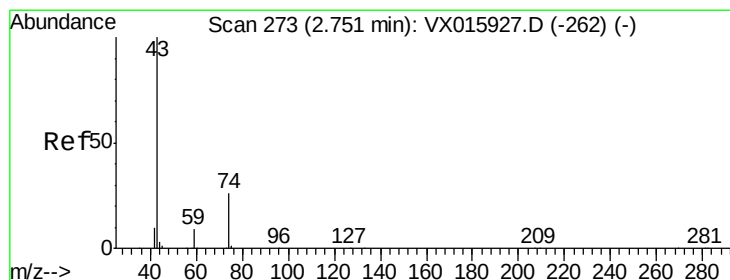
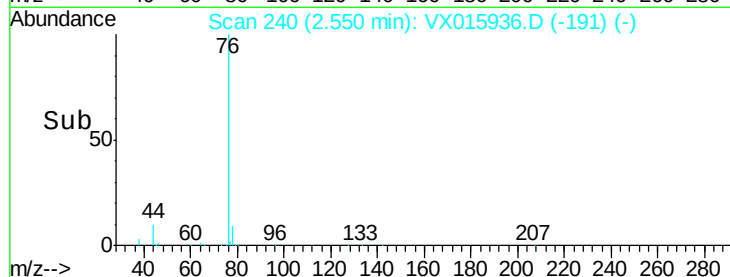
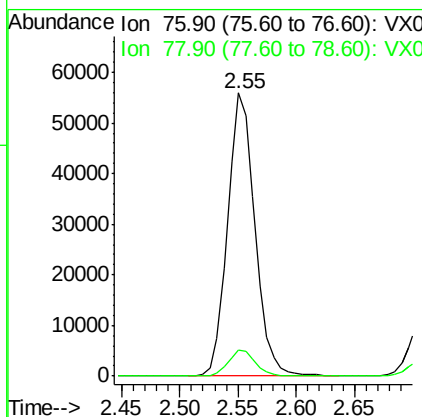
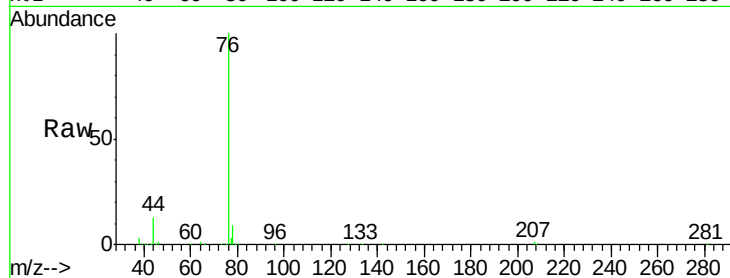
#17
Carbon Disulfide
Concen: 20.423 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

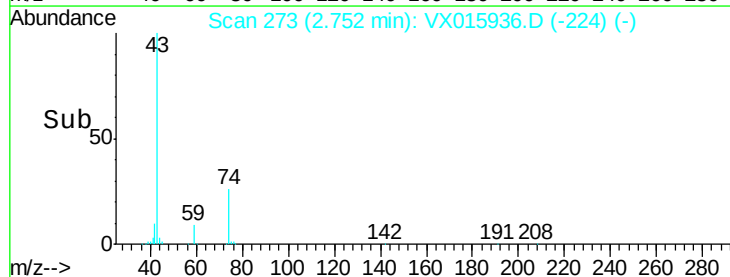
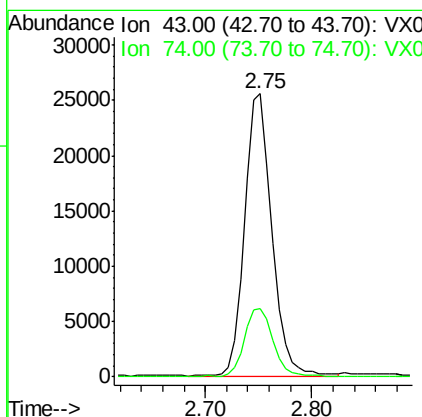
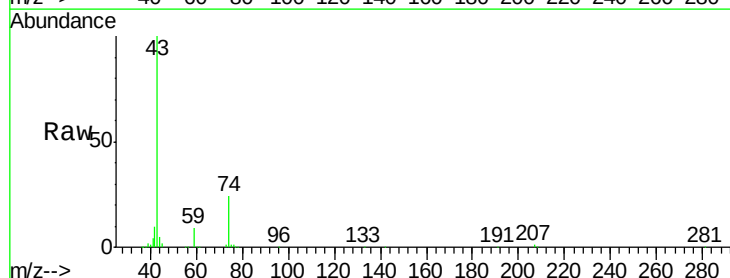
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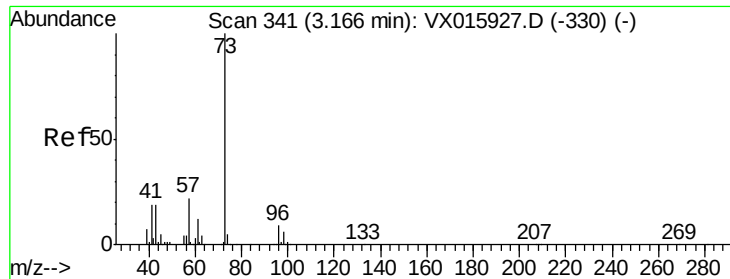
MMDadoda
4/27/2020 12:40:20 PM



#18
Methyl Acetate
Concen: 20.102 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	21.0	31.4





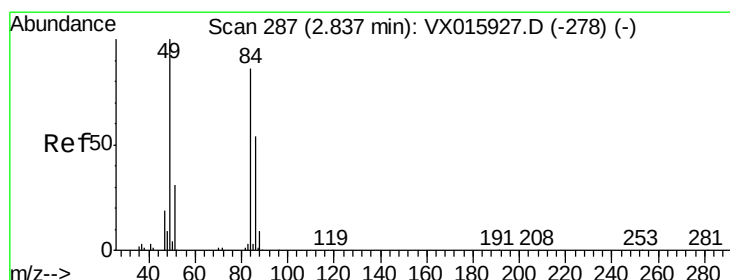
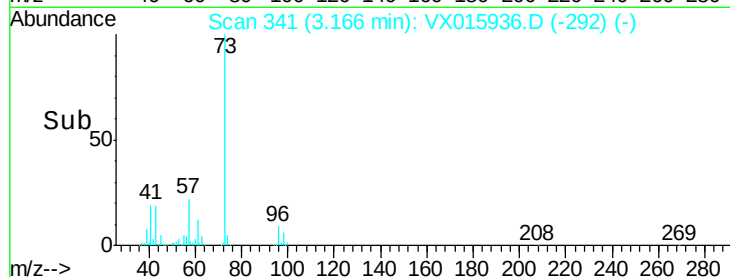
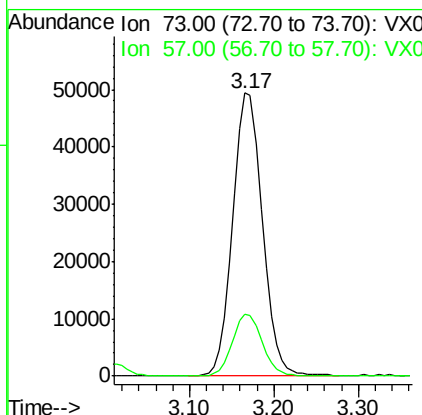
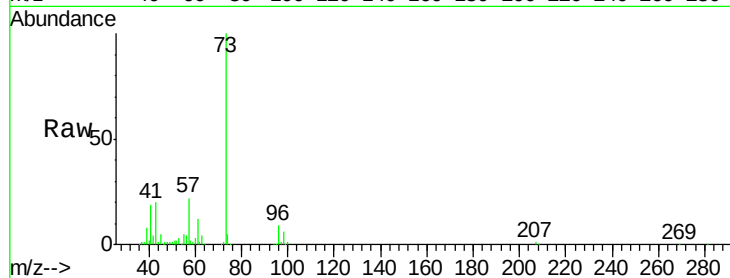
#19
Methyl tert-butyl Ether
Concen: 20.378 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.3	25.9

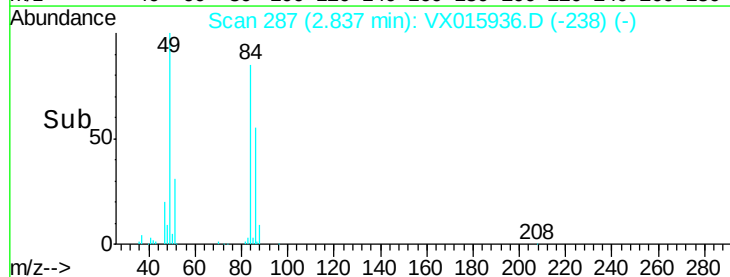
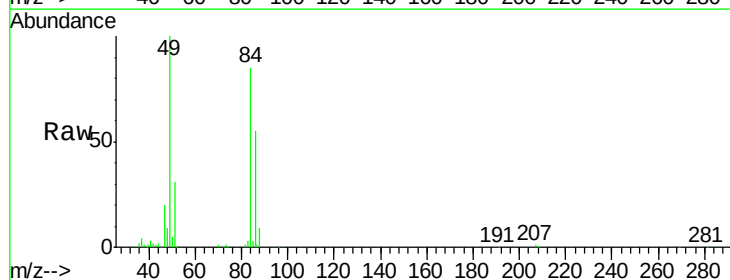
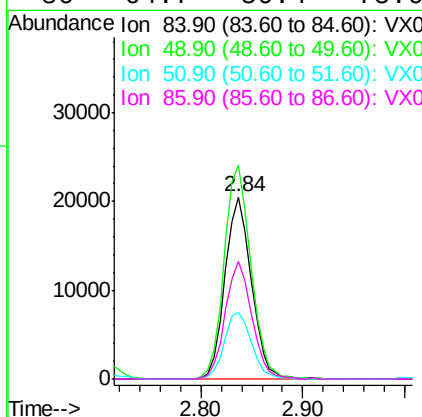
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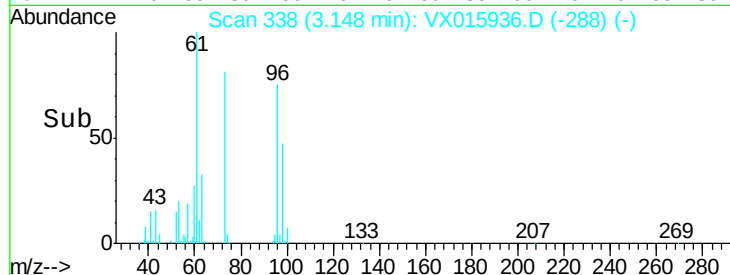
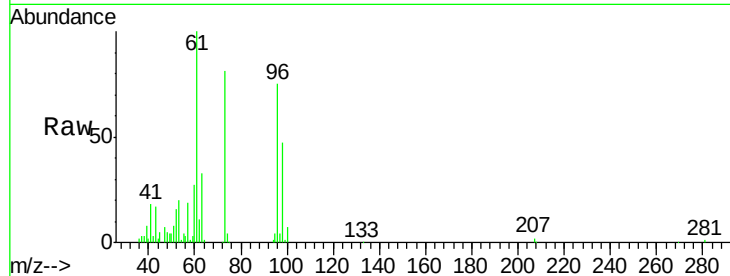
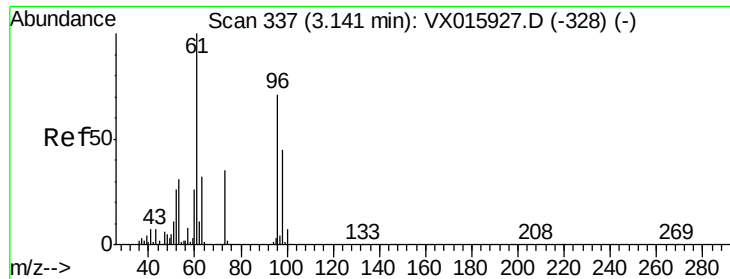
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4/27/2020 12:40:20 PM



#20
Methylene Chloride
Concen: 19.775 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.5	93.0	139.6
51	36.4	28.6	43.0
86	64.7	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 20.237 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX015936.D

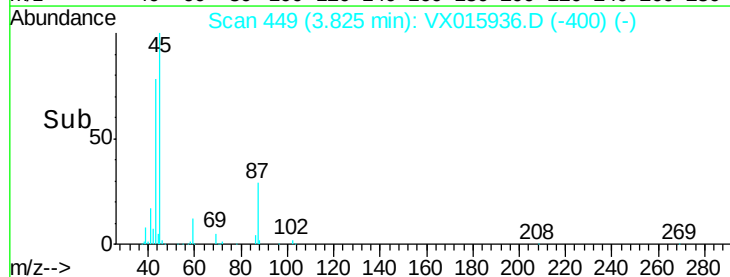
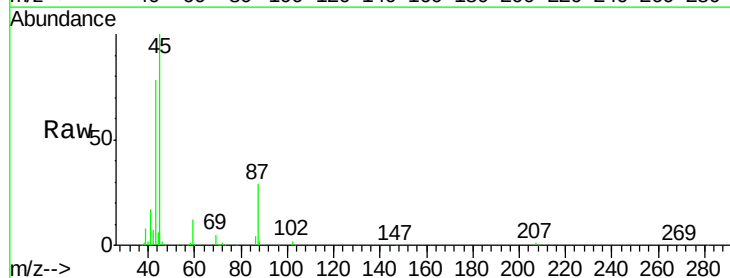
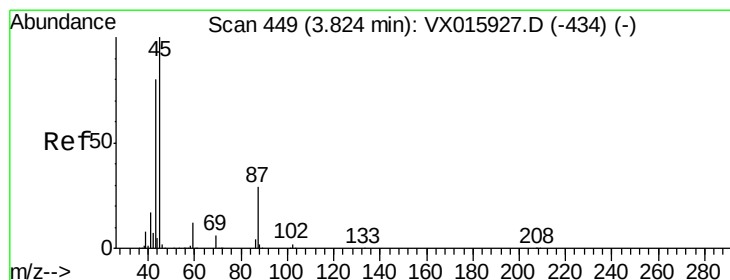
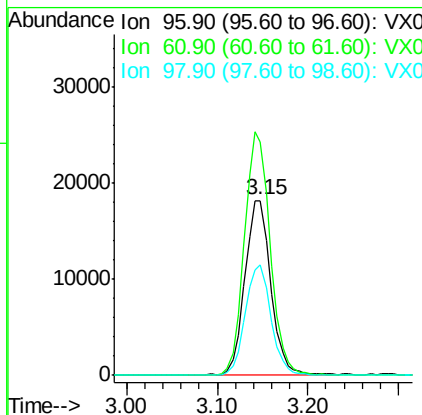
Acq: 24 Apr 2020 17:28

Tot Ion:	96	Resp:	36337
Ion	Ratio	Lower	Upper
96	100		
61	133.9	112.7	169.1
98	63.2	51.0	76.4

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

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4/27/2020 12:40:20 PM



#22

Diisopropyl ether

Concen: 20.071 ug/l

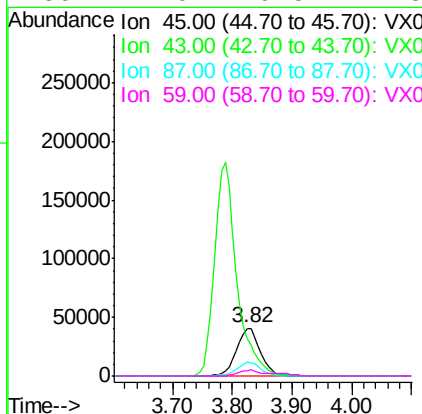
RT: 3.82 min Scan# 449

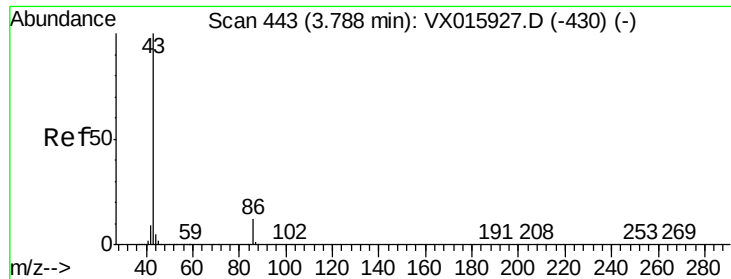
Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Tgt Ion:	45	Resp:	112586
Ion	Ratio	Lower	Upper
45	100		
43	78.0	63.8	95.6
87	29.2	22.9	34.3
59	12.0	9.5	14.3





#23

Vinyl Acetate

Concen: 103.009 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion: 43 Resp: 472071

Ion Ratio Lower Upper

43 100

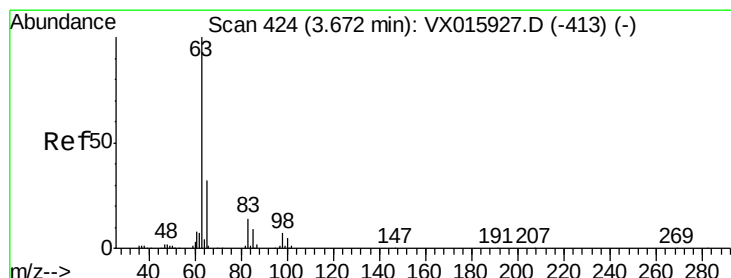
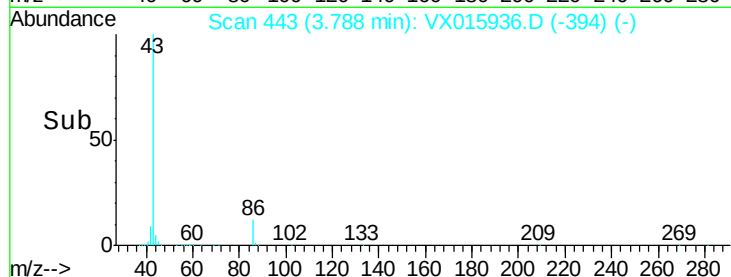
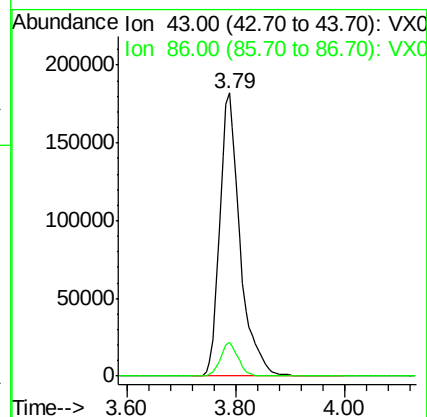
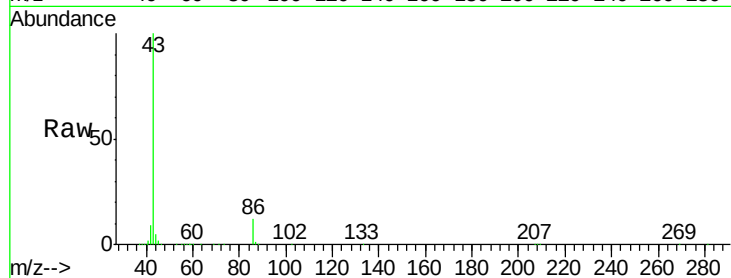
86 11.8 9.4 14.2

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4/27/2020 12:40:20 PM



#24

1,1-Dichloroethane

Concen: 20.160 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

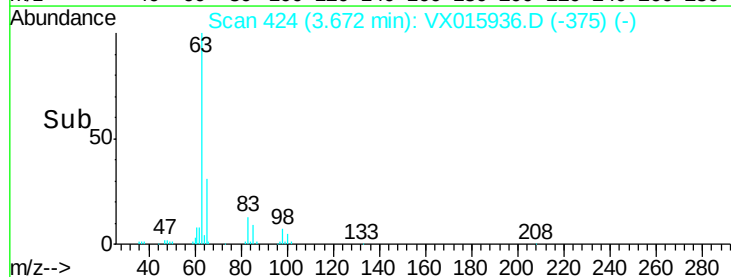
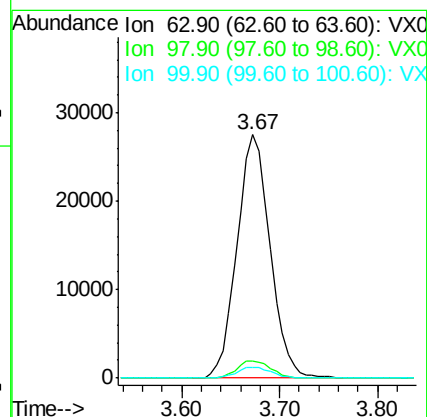
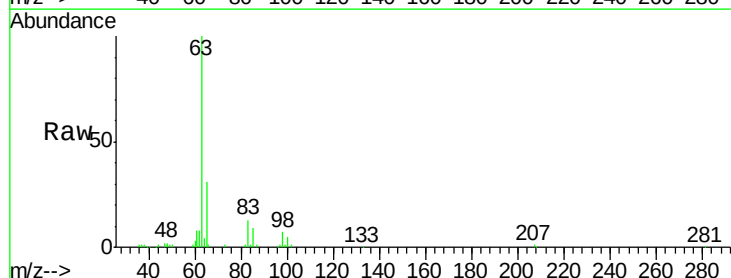
Tgt Ion: 63 Resp: 64689

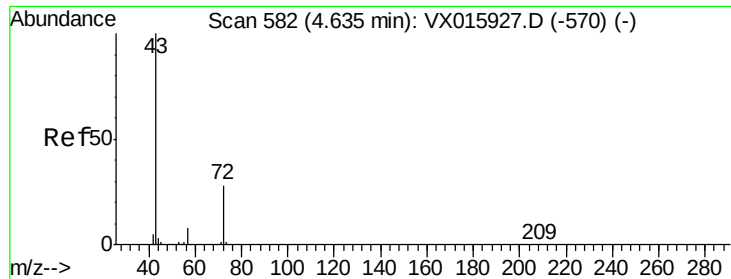
Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 102.239 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion: 43 Resp: 125153

Ion Ratio Lower Upper

43 100

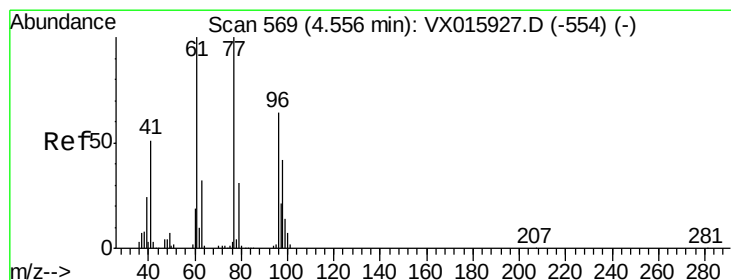
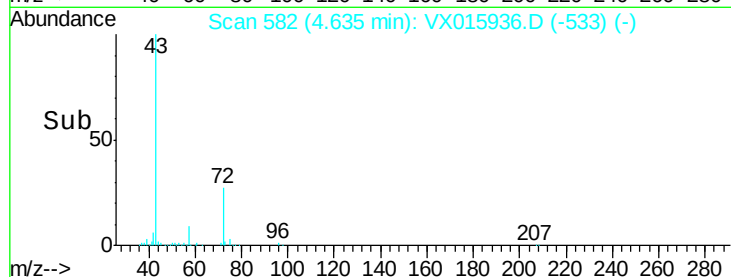
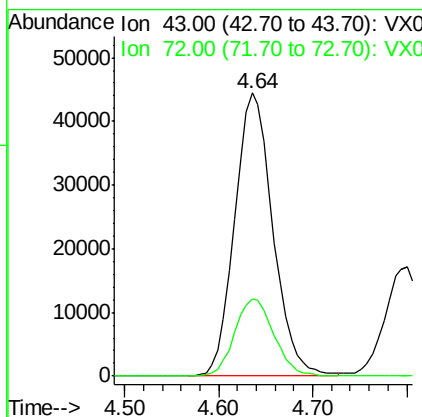
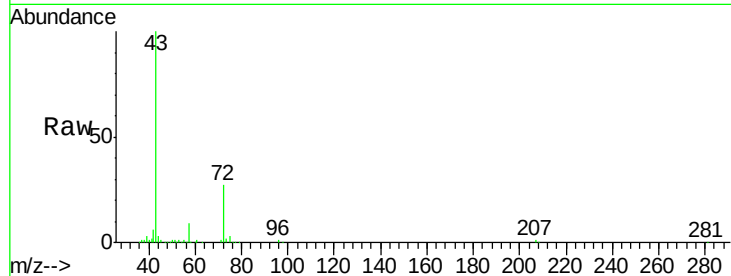
72 27.1 22.4 33.6

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4/27/2020 12:40:20 PM



#26

2,2-Dichloropropane

Concen: 20.572 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX015936.D

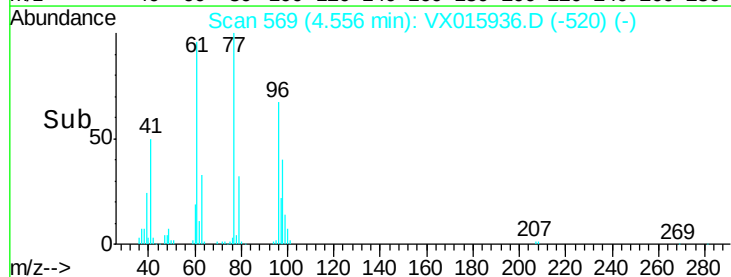
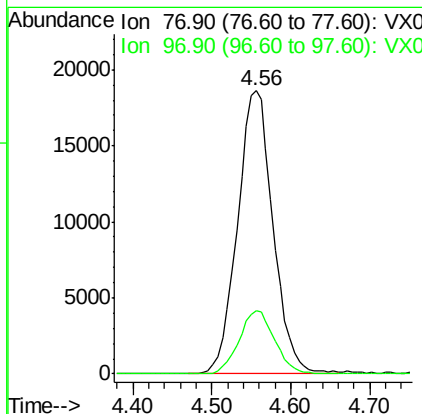
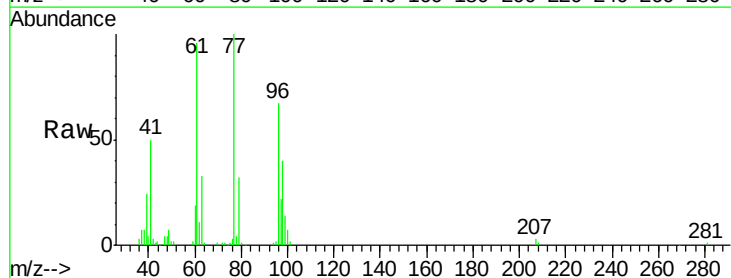
Acq: 24 Apr 2020 17:28

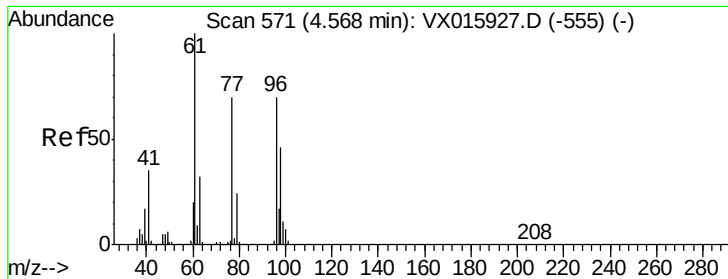
Tgt Ion: 77 Resp: 58250

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.9





#27

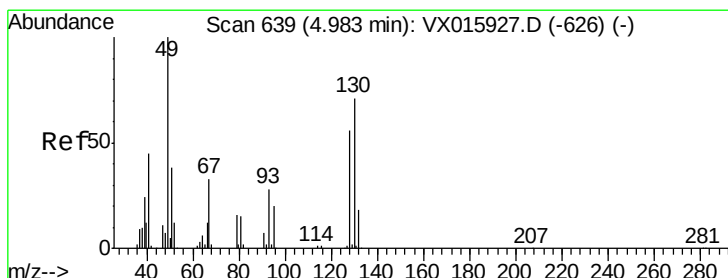
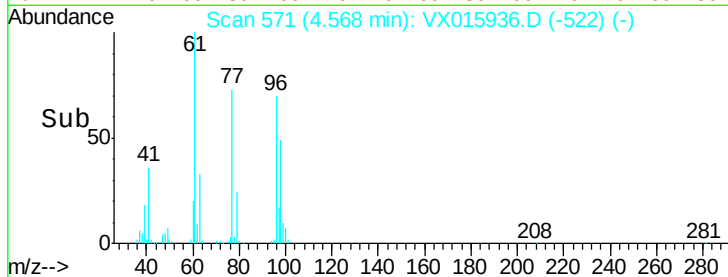
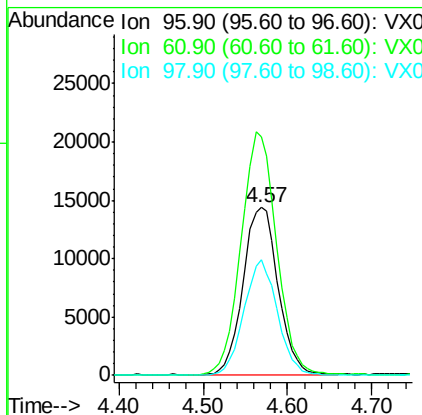
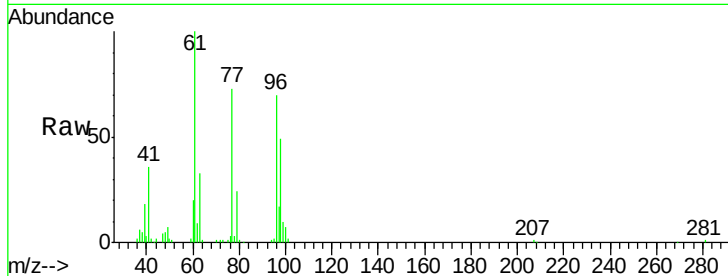
cis-1,2-Dichloroethene
 Concen: 20.128 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	293.4
98	65.0	0.0	129.0

Manual Integrations
 APPROVED

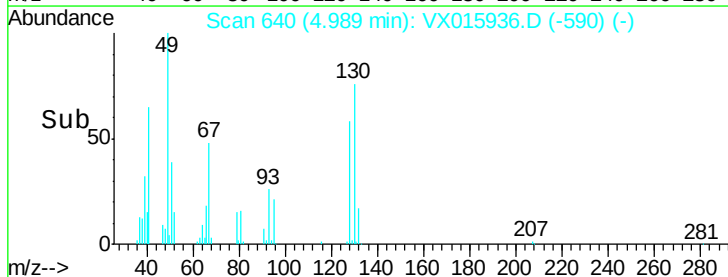
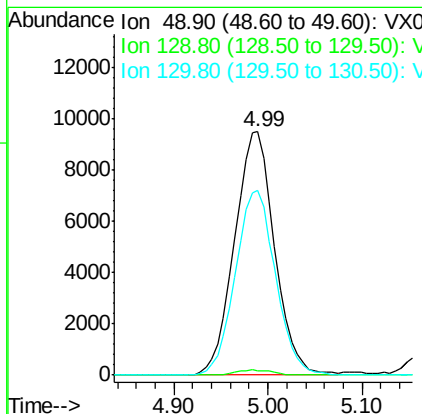
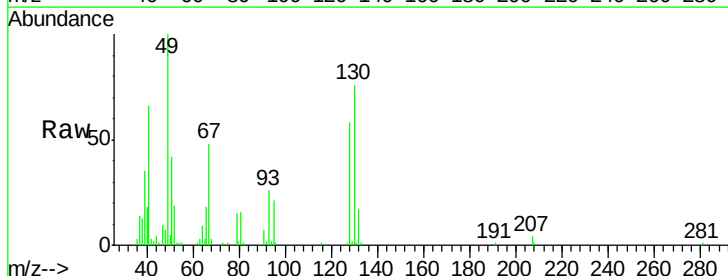
MMDadoda
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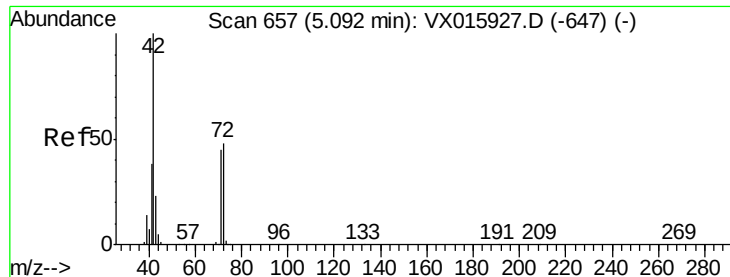


#28

Bromochloromethane
 Concen: 19.947 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	75.9	60.7	91.1





#29

Tetrahydrofuran

Concen: 100.251 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

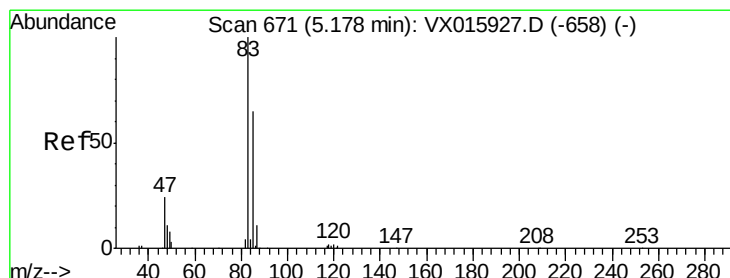
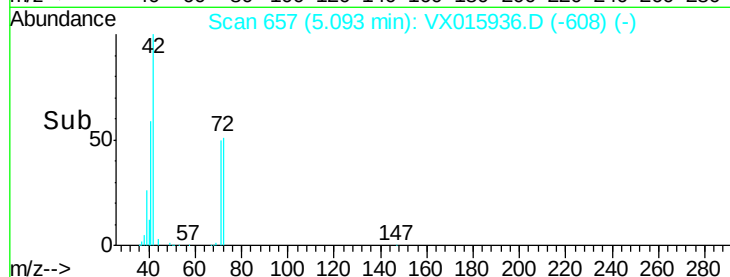
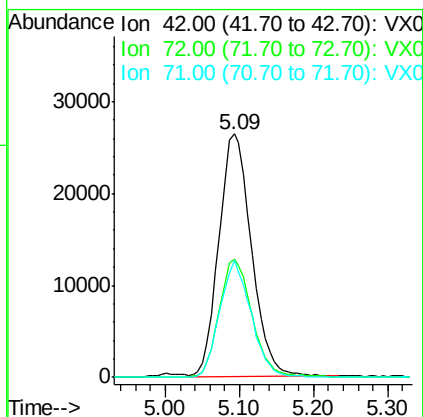
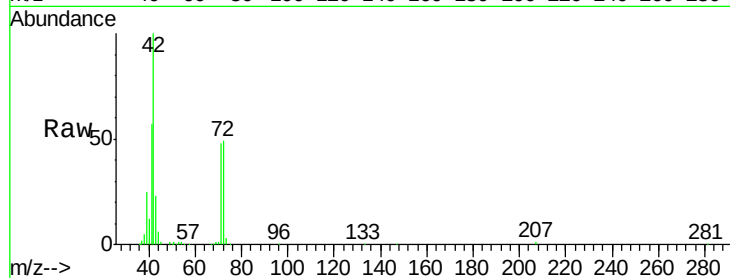
ClientSampleId :

VX0424WBSD01

Tot Ion:	42	Resp:	80840
Ion Ratio		Lower	Upper
42	100		
72	49.5	39.5	59.3
71	46.3	36.4	54.6

Manual Integrations
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#30

Chloroform

Concen: 20.367 ug/l

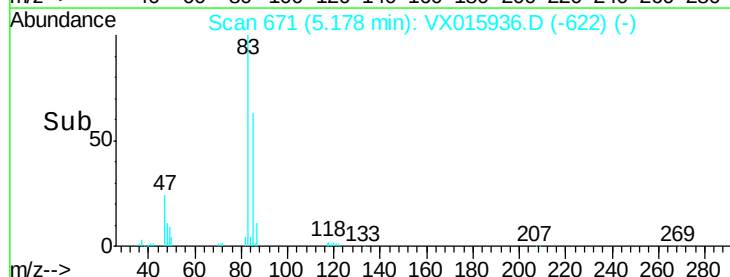
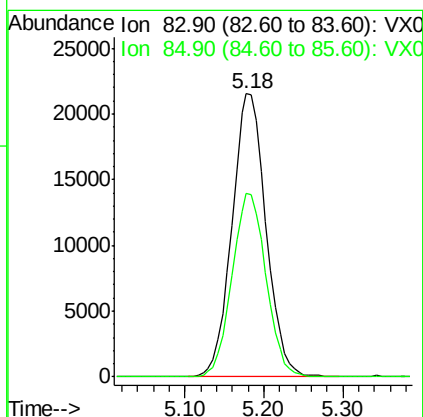
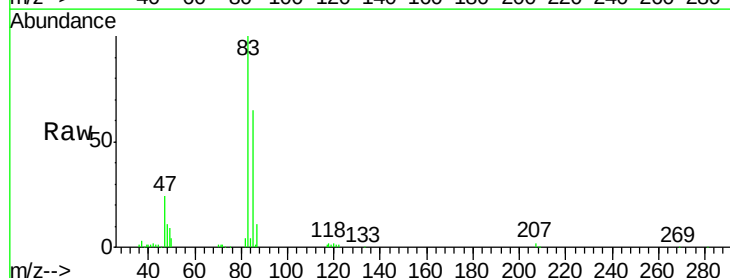
RT: 5.18 min Scan# 671

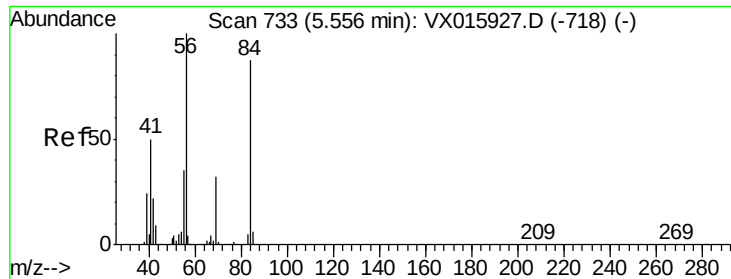
Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Tgt Ion:	83	Resp:	64603
Ion Ratio		Lower	Upper
83	100		
85	64.9	51.7	77.5





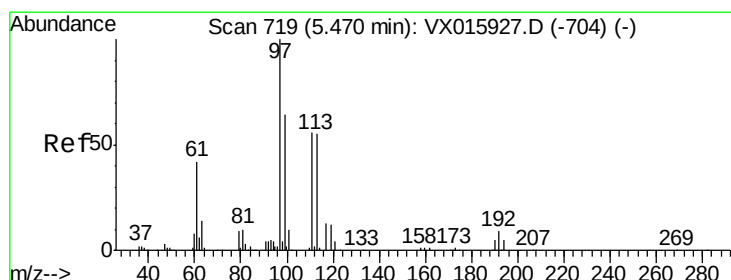
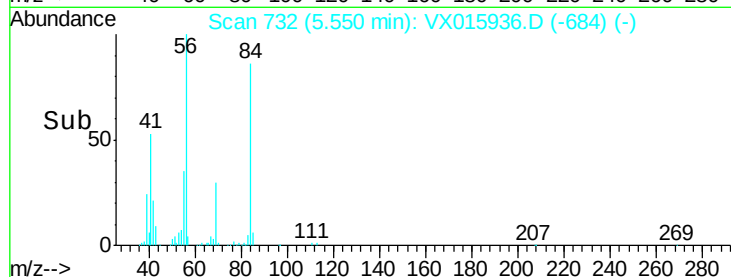
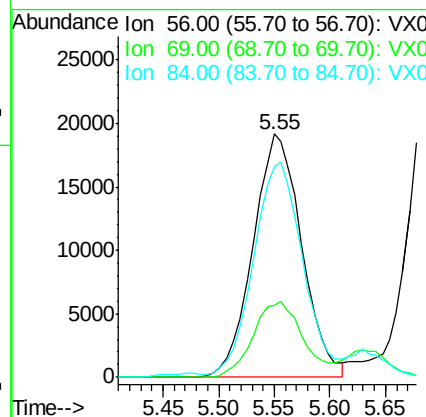
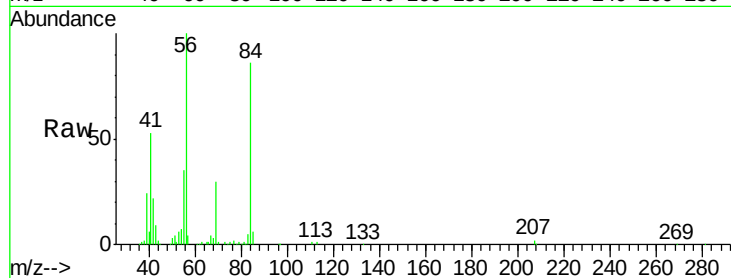
#31
Cyclohexane
Concen: 19.355 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.4	38.0
84	84.8	69.5	104.3

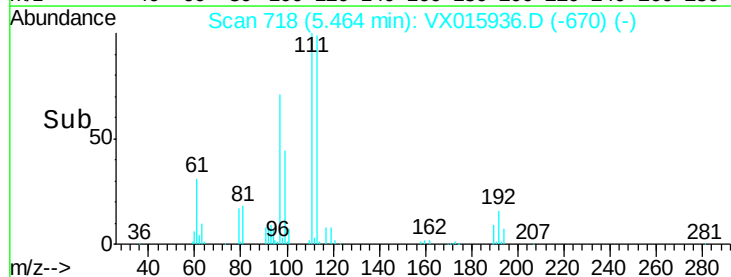
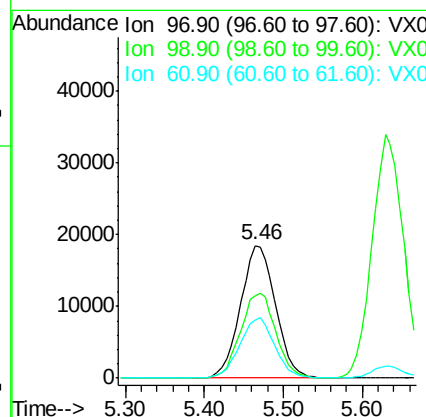
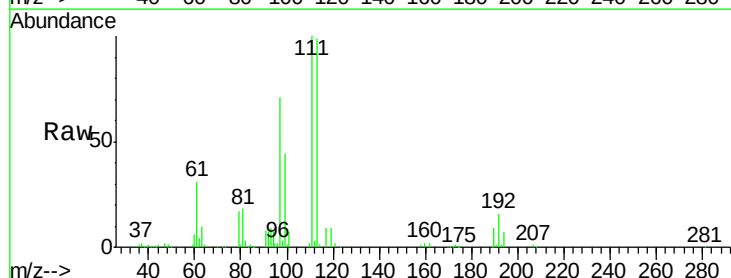
Manual Integrations
APPROVED

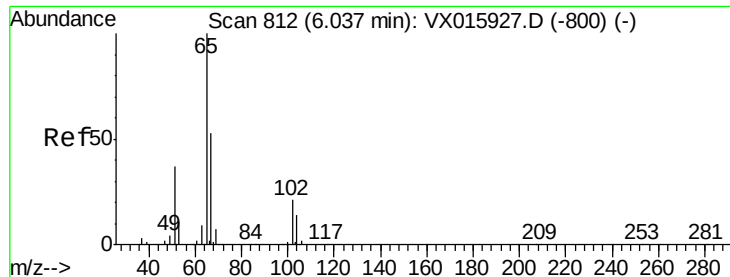
MMDadoda
4/27/2020 12:40:20 PM



#32
1,1,1-Trichloroethane
Concen: 19.969 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.1	76.7
61	45.2	35.0	52.4





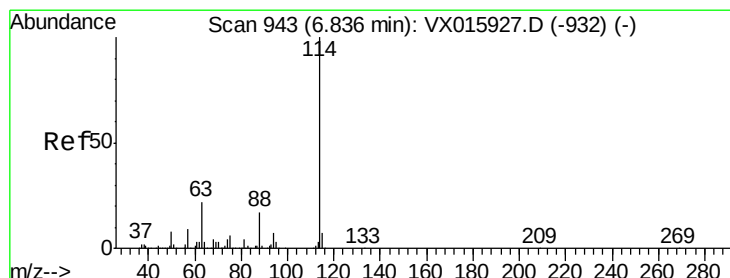
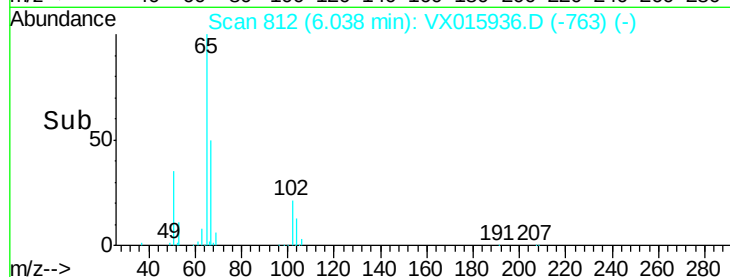
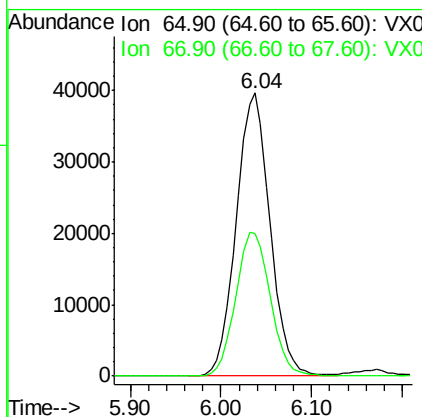
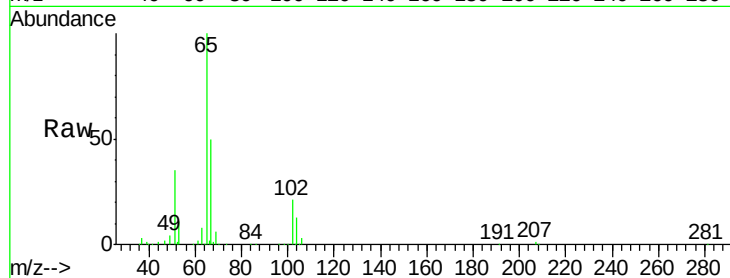
#33
 1,2-Dichloroethane-d4
 Concen: 51.117 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	102454		
67	52.4	0.0	106.6	

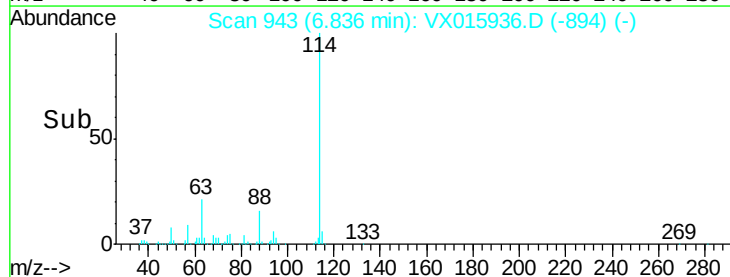
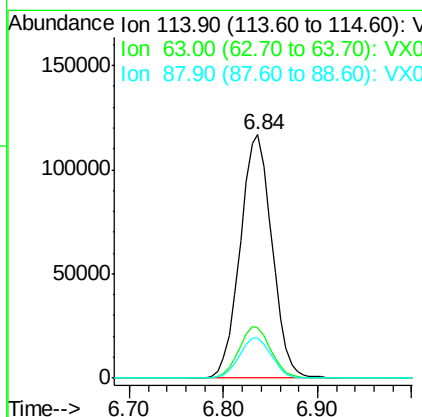
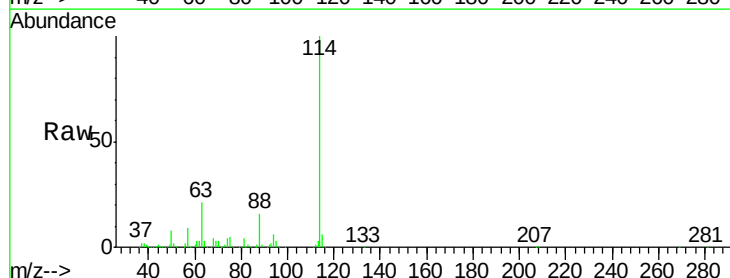
Manual Integrations
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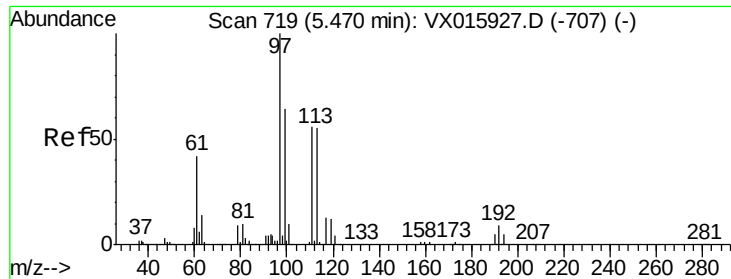
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 4/27/2020 12:40:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	274382		
63	20.6	0.0	44.4	
88	16.2	0.0	34.2	





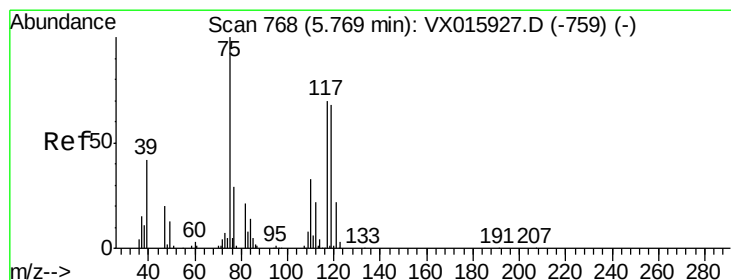
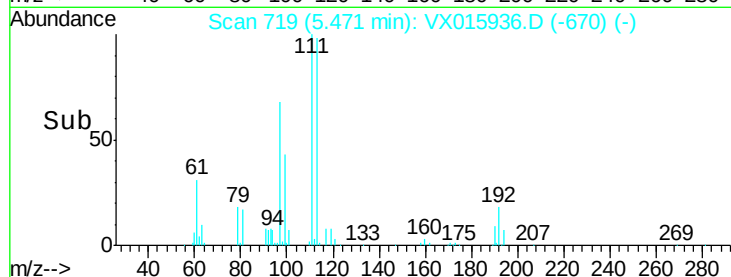
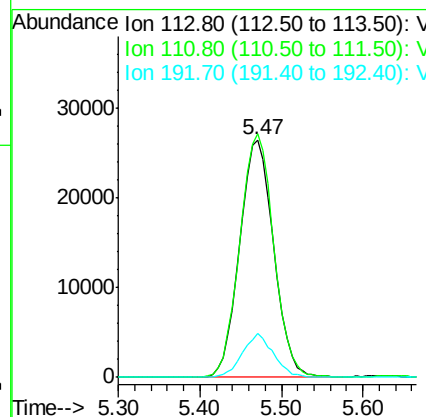
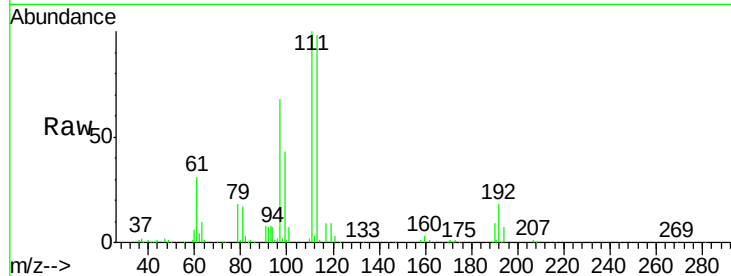
#35
 Dibromofluoromethane
 Concen: 51.074 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.2	121.8
192	16.8	13.6	20.4

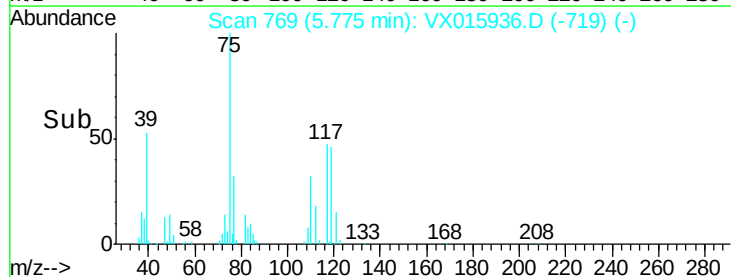
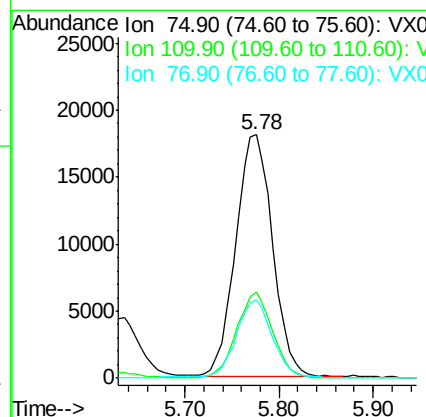
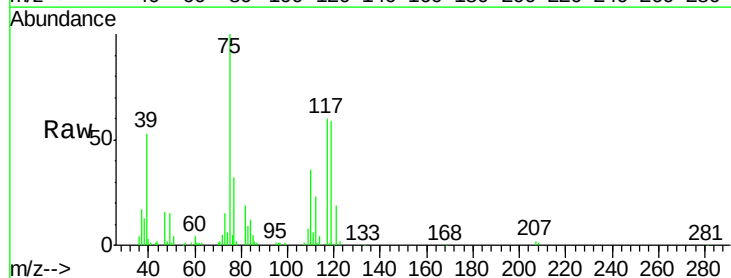
Manual Integrations
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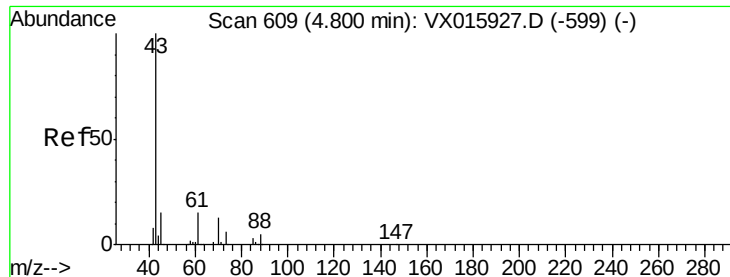
MMDadoda
 4/27/2020 12:40:20 PM



#36
 1,1-Dichloropropene
 Concen: 18.886 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.1	51.3
77	31.4	25.0	37.4





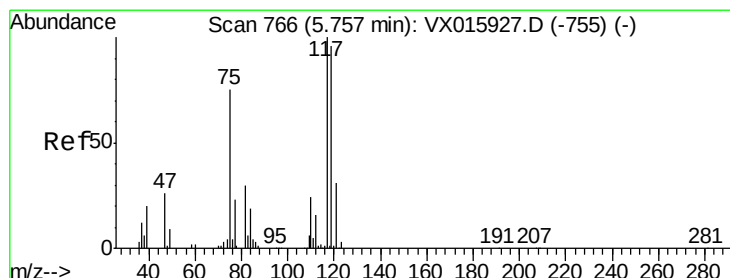
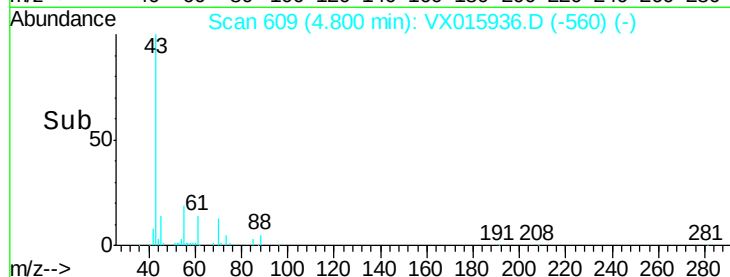
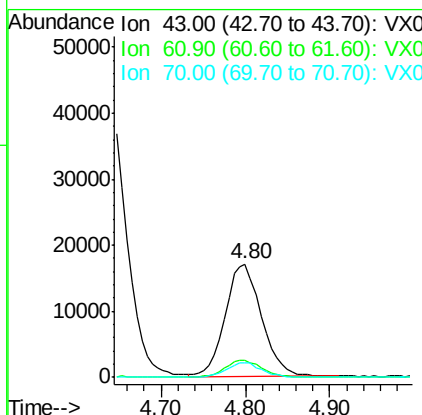
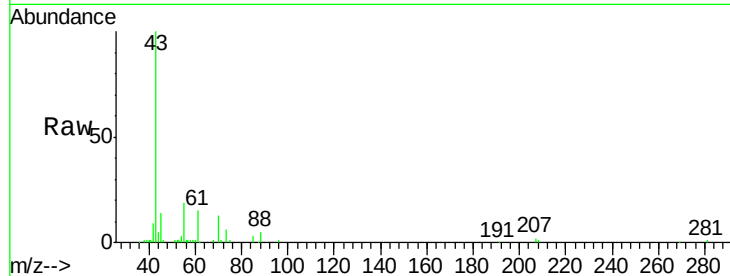
#37
Ethyl Acetate
Concen: 18.931 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.6	17.4
70	12.3	9.8	14.6

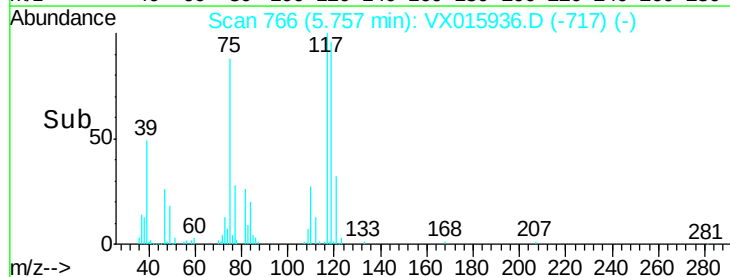
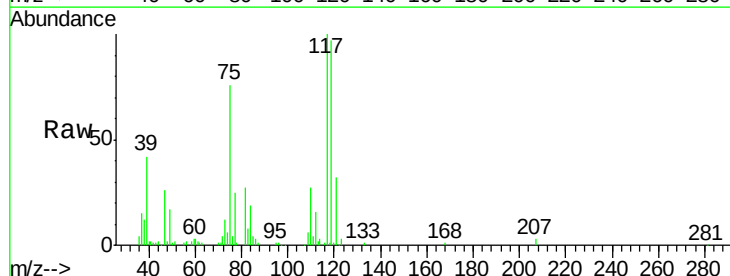
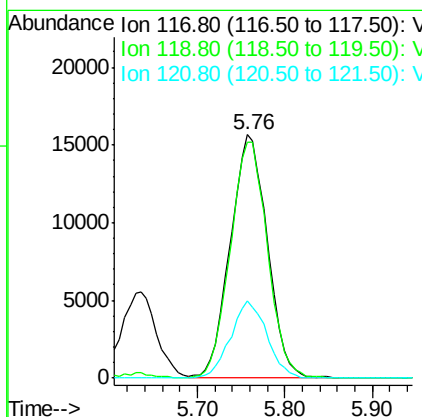
Manual Integrations
APPROVED

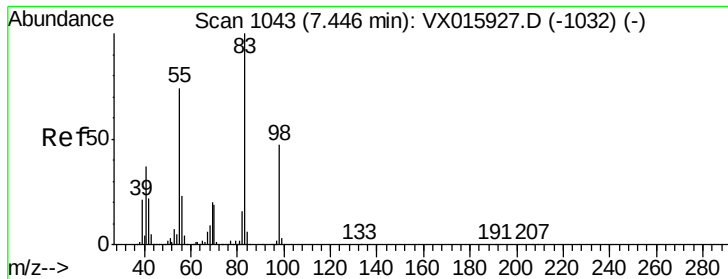
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#38
Carbon Tetrachloride
Concen: 19.238 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.0	115.6
121	31.6	25.0	37.4





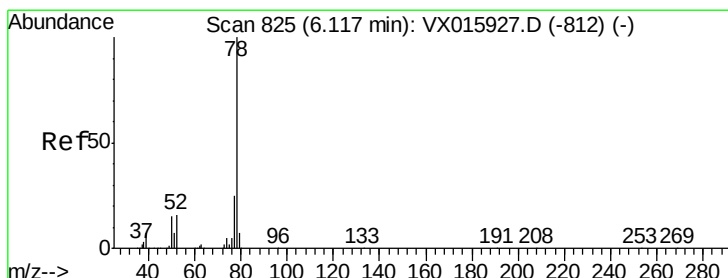
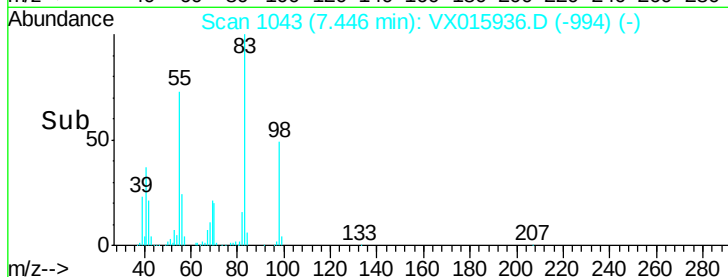
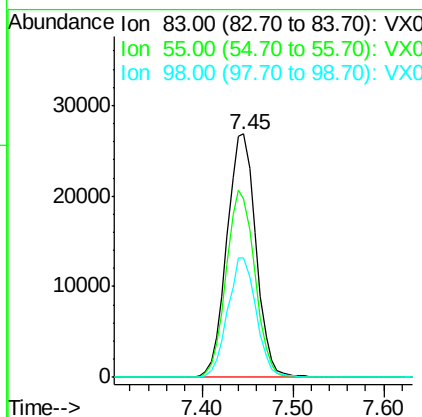
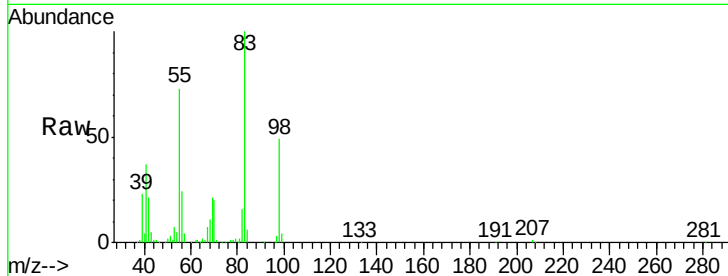
#39
Methylvlcyclohexane
Concen: 18.854 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	59.0	88.4
98	48.8	37.4	56.0

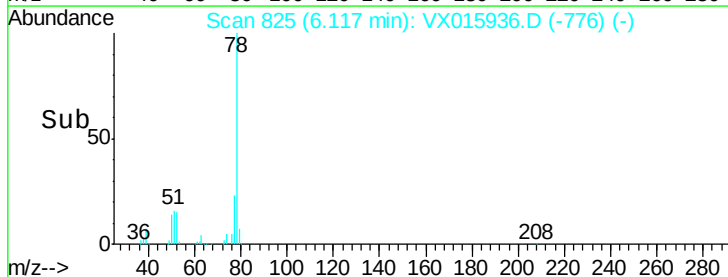
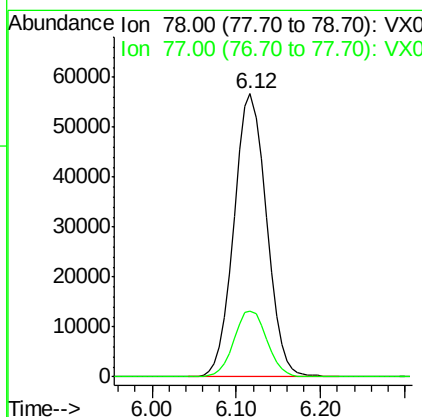
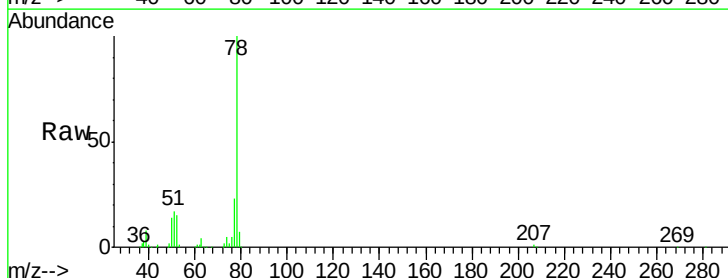
Manual Integrations
APPROVED

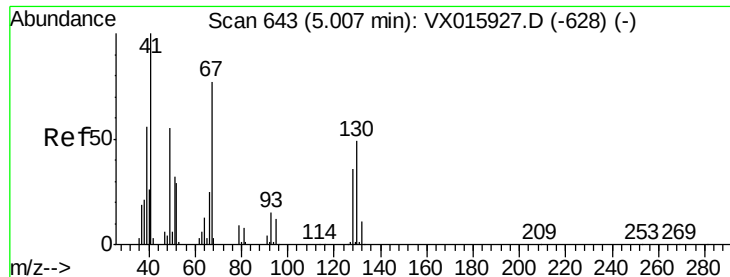
MMDadoda
4/27/2020 12:40:20 PM



#40
Benzene
Concen: 19.389 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.8	29.8





#41

Methacrylonitrile

Concen: 17.834 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion: 41 Resp: 26553

Ion Ratio Lower Upper

41 100

39 57.7 42.8 64.2

67 79.3 62.0 93.0

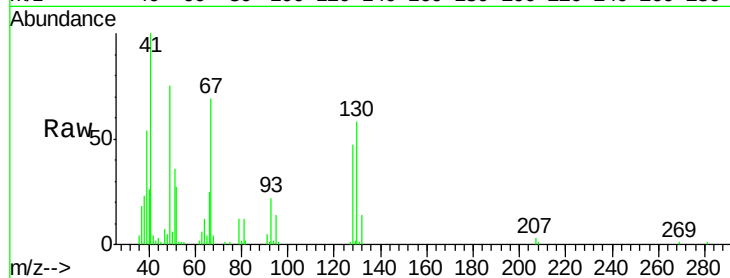
52 32.5 24.2 36.4

Manual Integrations

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MMDadoda

4/27/2020 12:40:20 PM

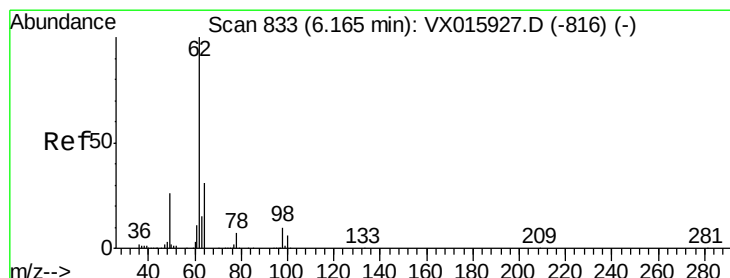
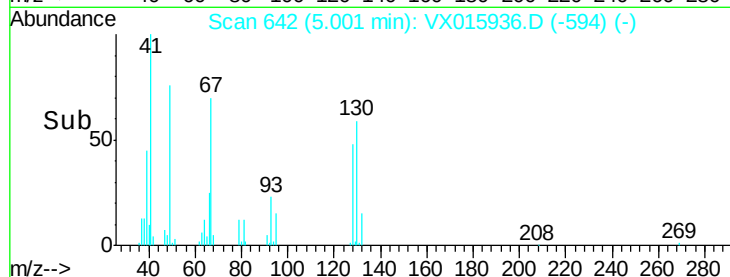
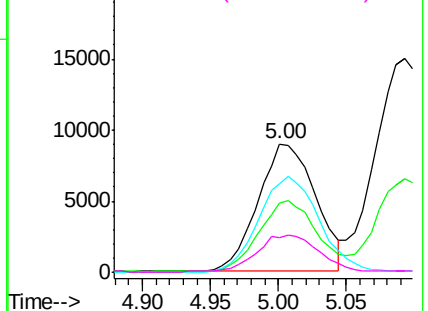


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.950 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX015936.D

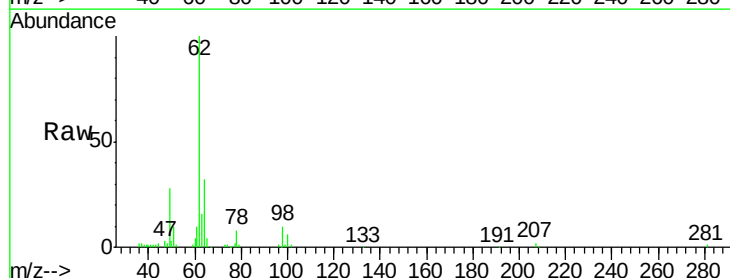
Acq: 24 Apr 2020 17:28

Tgt Ion: 62 Resp: 53504

Ion Ratio Lower Upper

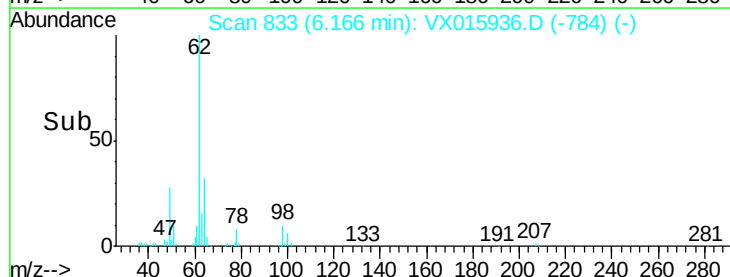
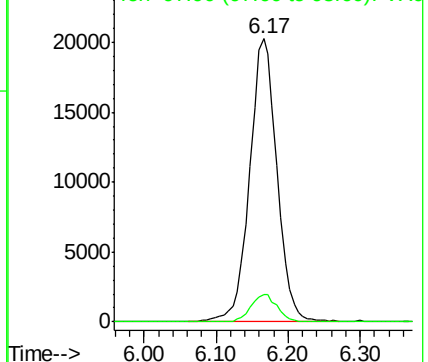
62 100

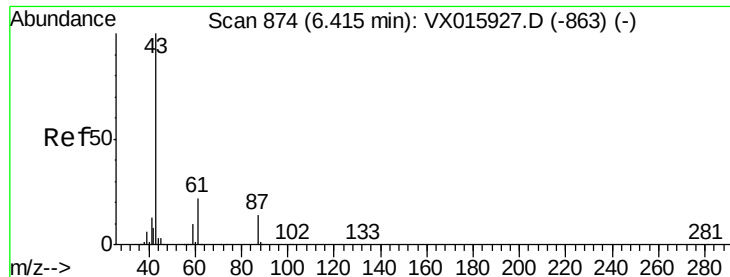
98 9.4 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.612 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

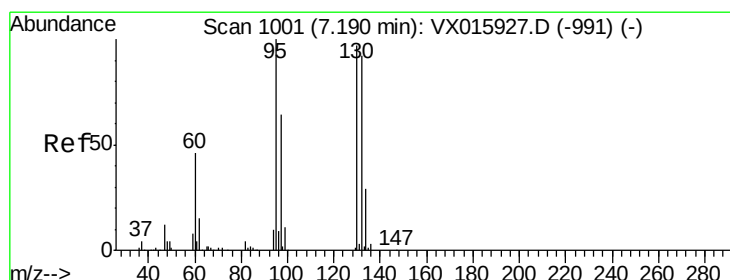
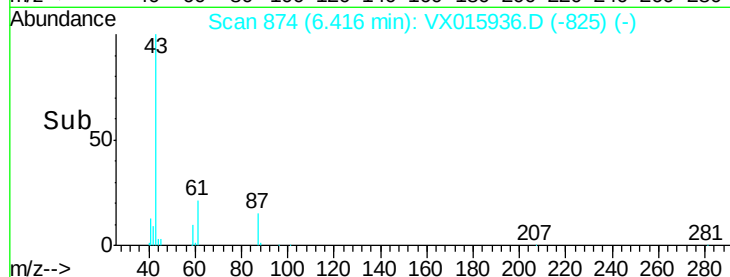
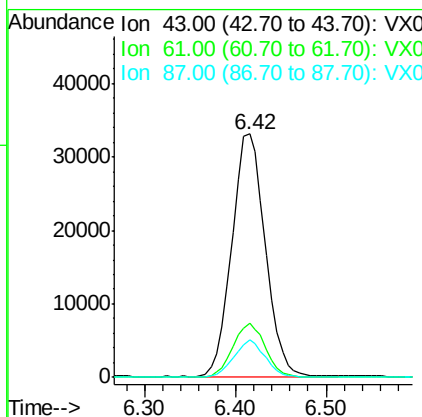
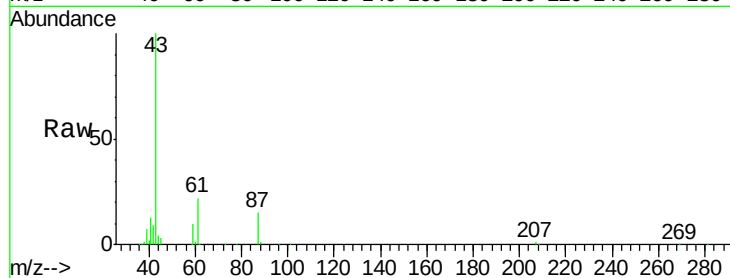
ClientSampleId :

VX0424WBSD01

Tot Ion:	43	Resp:	84636
Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.6	26.4
87	14.3	11.6	17.4

Manual Integrations
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#44

Trichloroethene

Concen: 19.215 ug/l

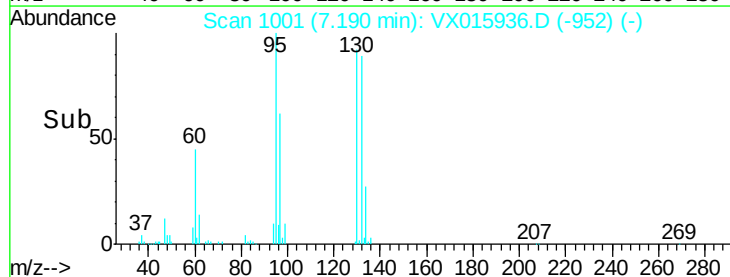
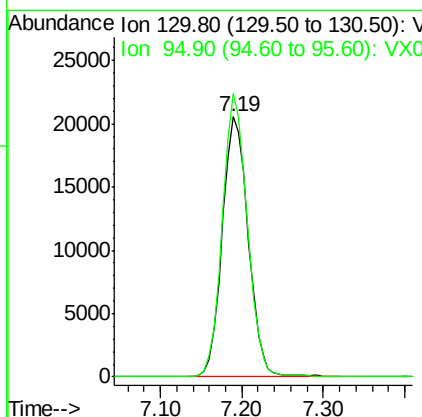
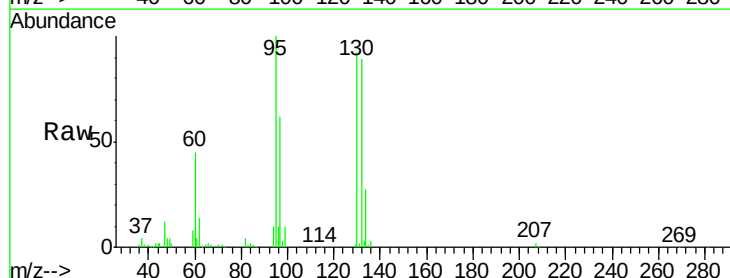
RT: 7.19 min Scan# 1001

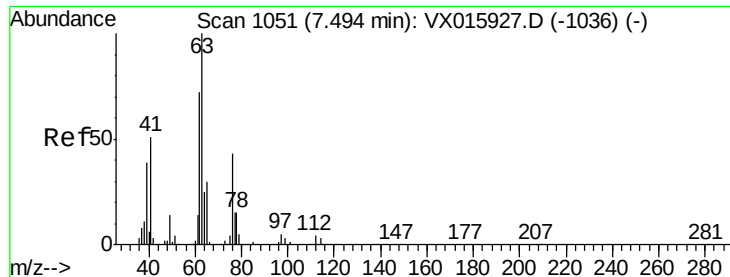
Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Tgt Ion:	130	Resp:	45329
Ion	Ratio	Lower	Upper
130	100		
95	109.0	0.0	205.2





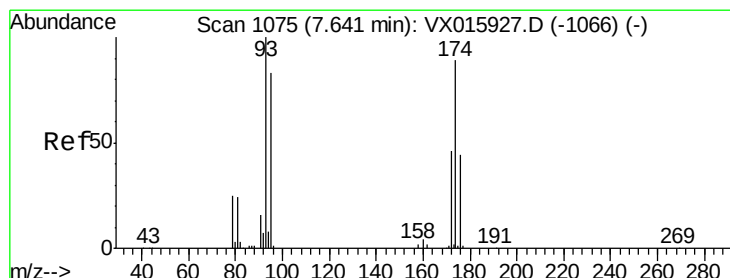
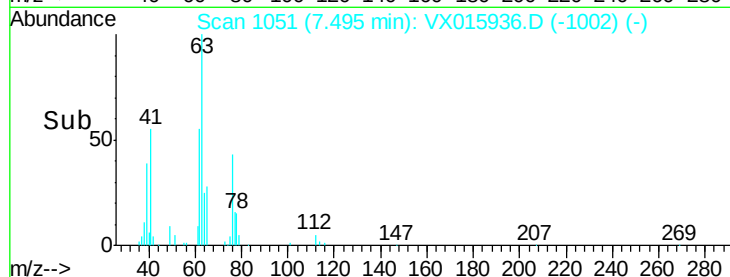
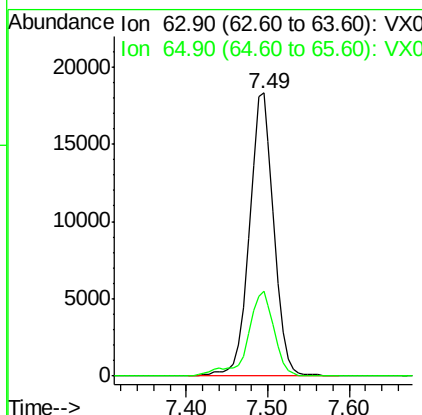
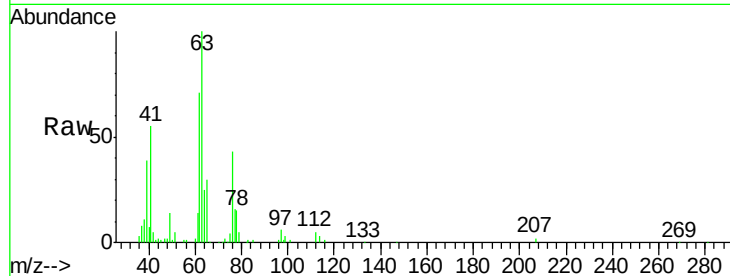
#45
 1,2-Dichloropropane
 Concen: 19.499 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.3	36.5

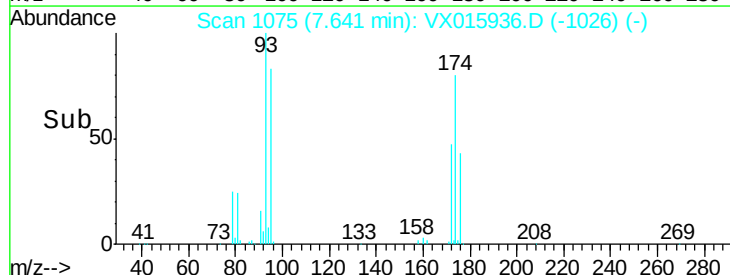
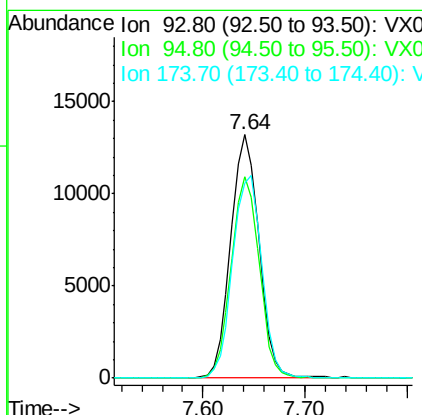
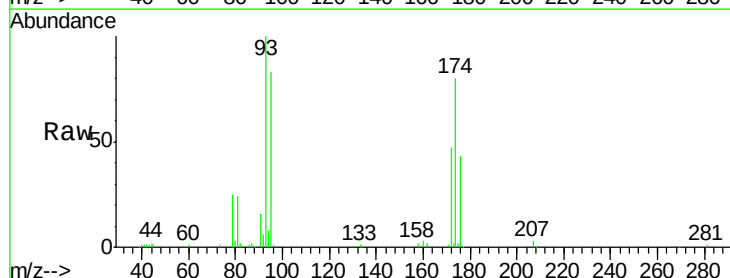
Manual Integrations
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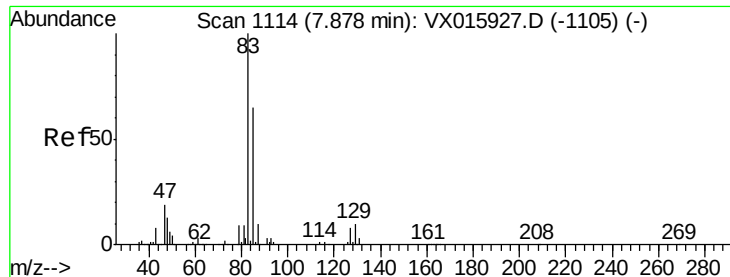
MMDadoda
 4/27/2020 12:40:20 PM



#46
 Dibromomethane
 Concen: 19.393 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.7	98.5
174	85.5	70.6	105.8





#47

Bromodichloromethane

Concen: 19.310 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

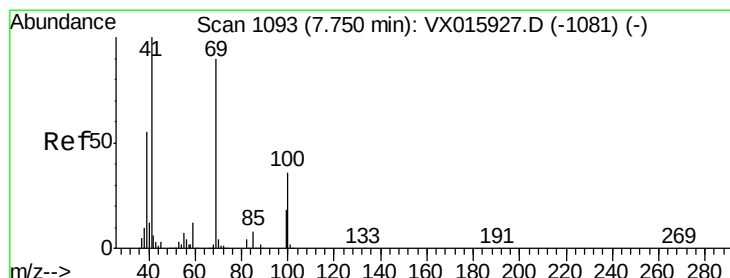
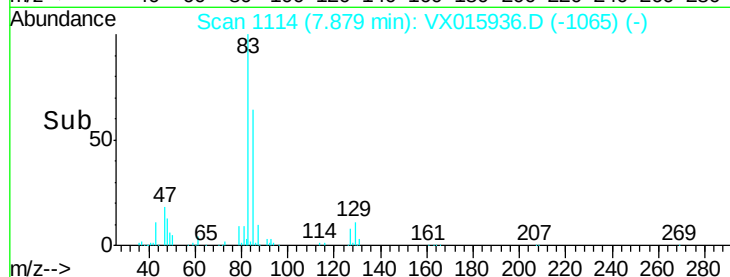
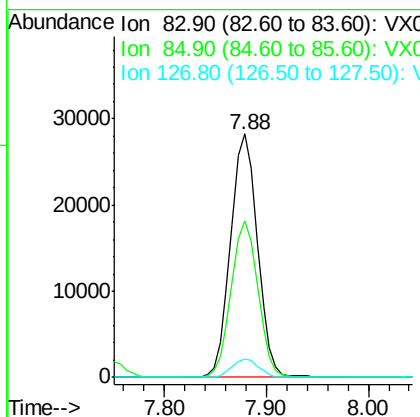
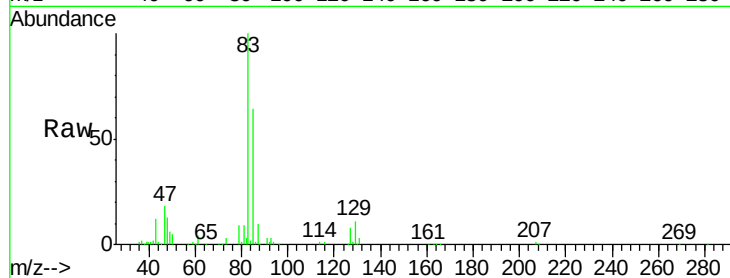
ClientSampleId :

VX0424WBSD01

Tot Ion:	83	Resp:	51463
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.6	77.4
127	7.7	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.344 ug/l

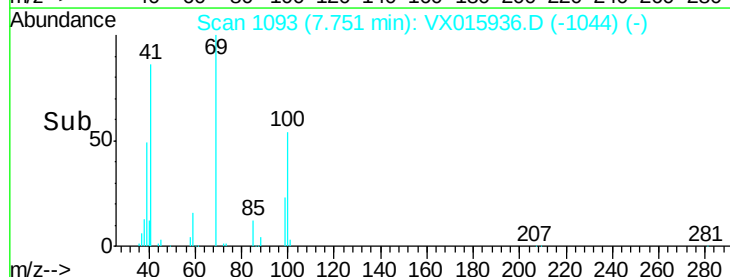
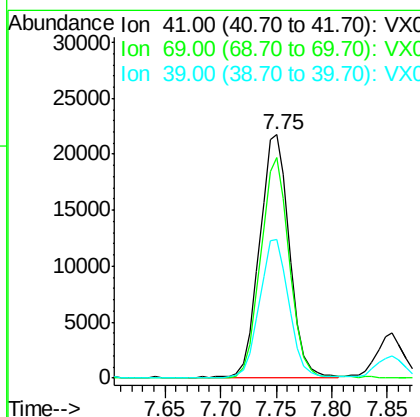
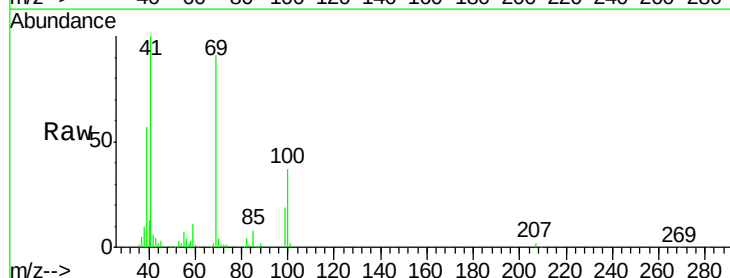
RT: 7.75 min Scan# 1093

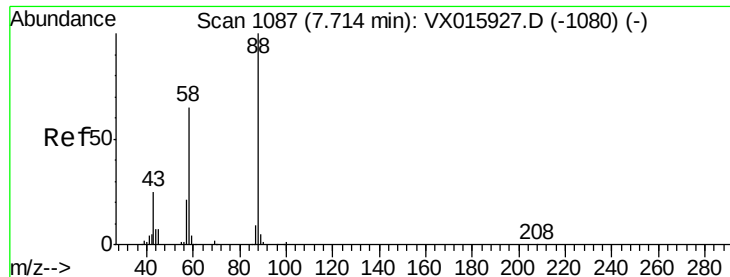
Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Tgt Ion:	41	Resp:	41049
Ion	Ratio	Lower	Upper
41	100		
69	86.8	72.0	108.0
39	55.9	44.1	66.1





#49

1,4-Dioxane

Concen: 388.403 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

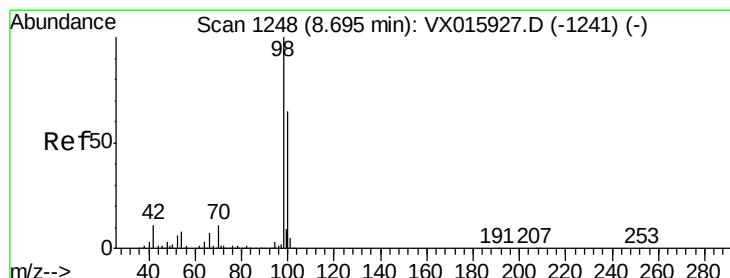
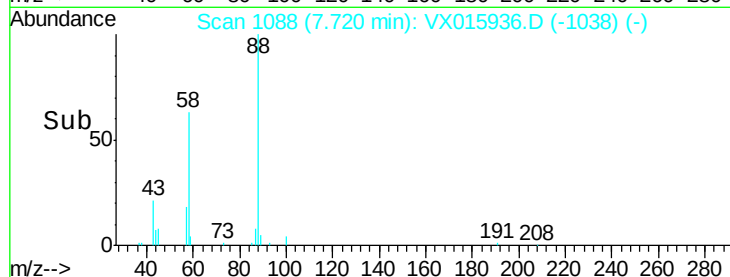
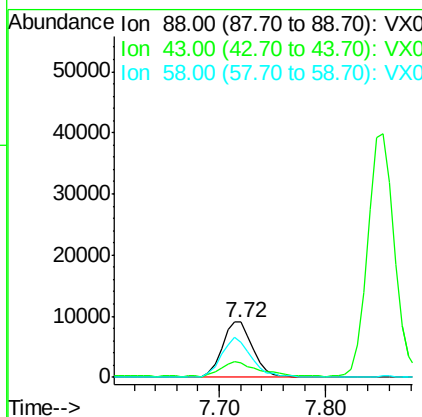
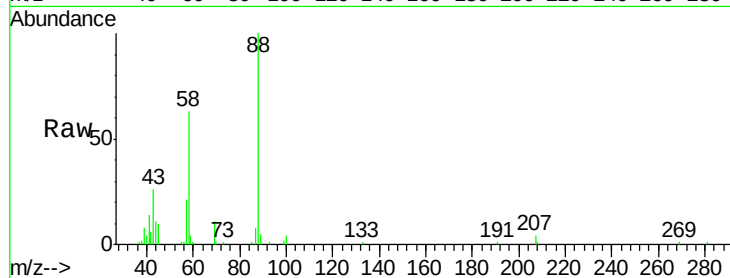
ClientSampleId :

VX0424WBSD01

Tot Ion:	88	Resp:	18331
Ion	Ratio	Lower	Upper
88	100		
43	31.5	23.8	35.8
58	69.7	55.7	83.5

Manual Integrations
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#50

Toluene-d8

Concen: 49.010 ug/l

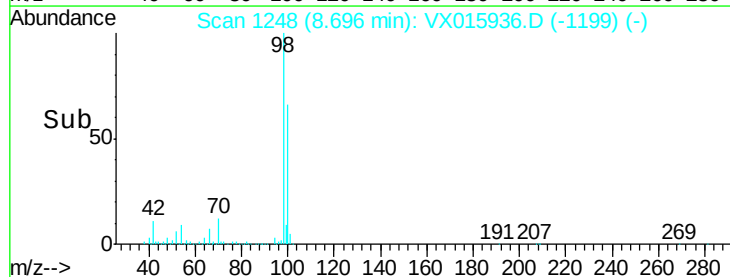
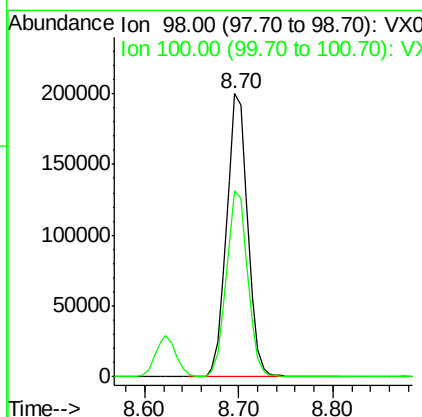
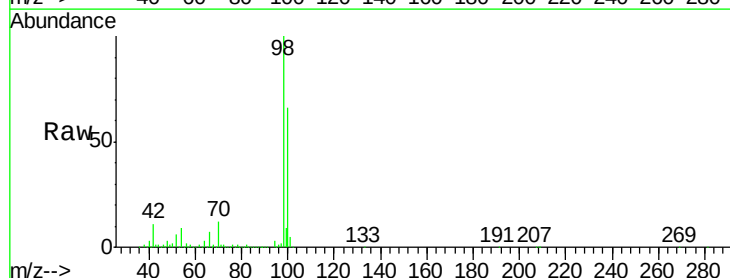
RT: 8.70 min Scan# 1248

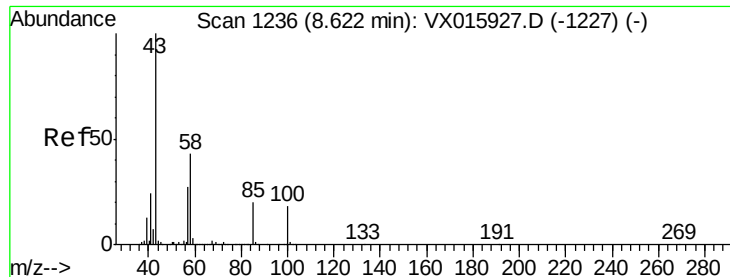
Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Tgt Ion:	98	Resp:	310500
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 98.767 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion: 43 Resp: 249869

Ion Ratio Lower Upper

43 100

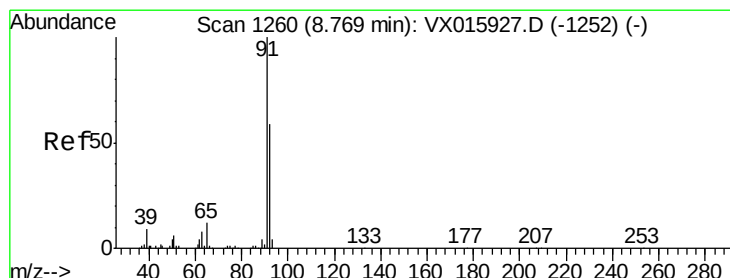
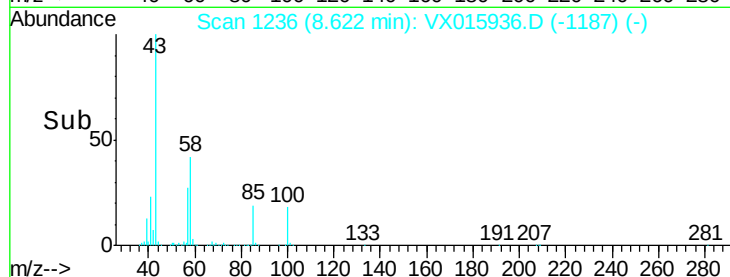
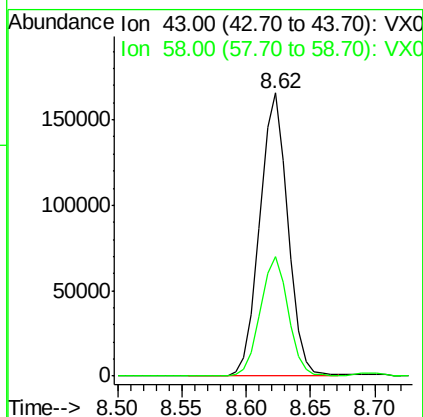
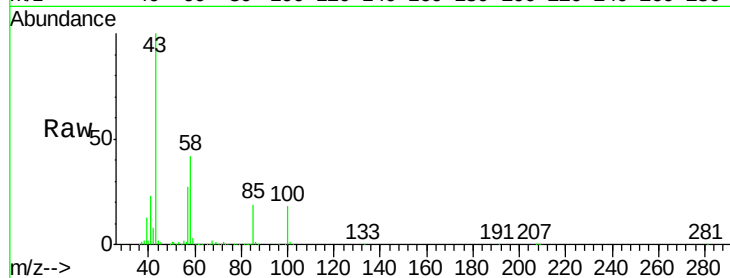
58 42.0 34.2 51.4

Manual Integrations

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#52

Toluene

Concen: 19.133 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX015936.D

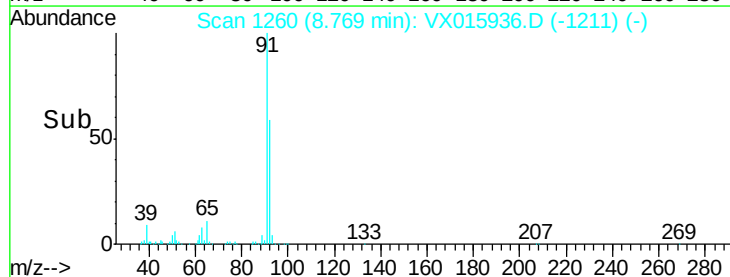
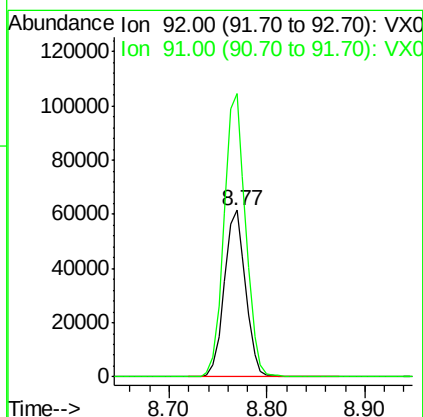
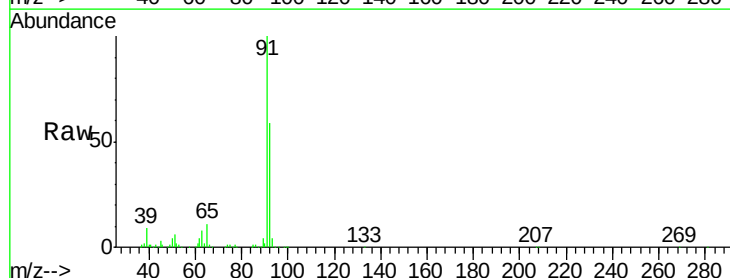
Acq: 24 Apr 2020 17:28

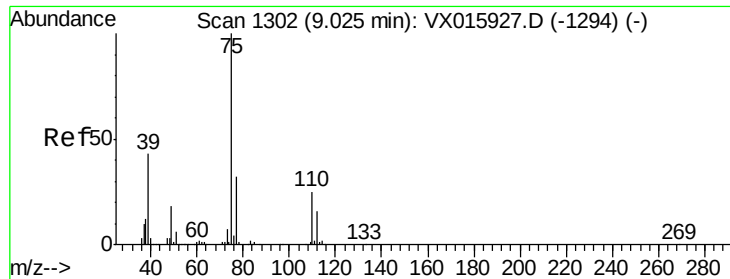
Tgt Ion: 92 Resp: 93015

Ion Ratio Lower Upper

92 100

91 172.1 134.0 201.0





#53

t-1,3-Dichloropropene

Concen: 19.385 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion: 75 Resp: 62295

Ion Ratio Lower Upper

75 100

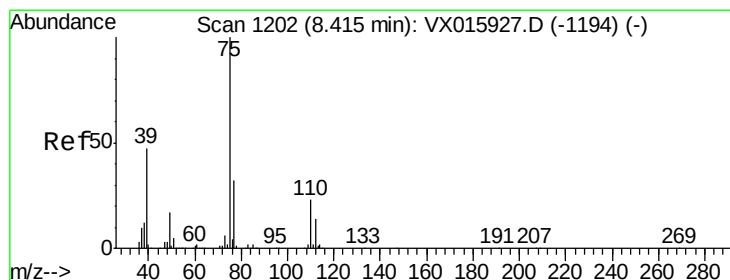
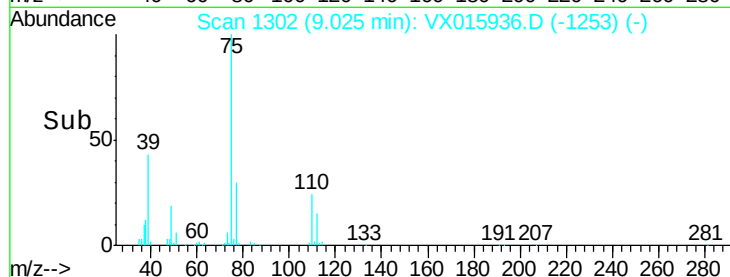
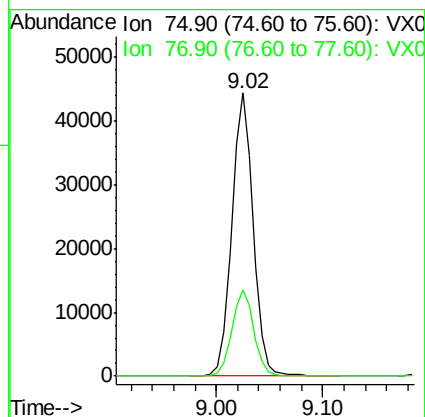
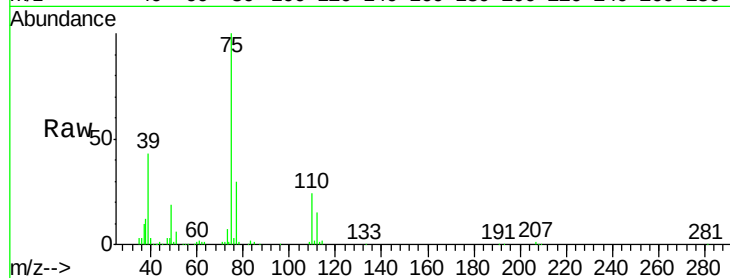
77 30.4 25.9 38.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.297 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

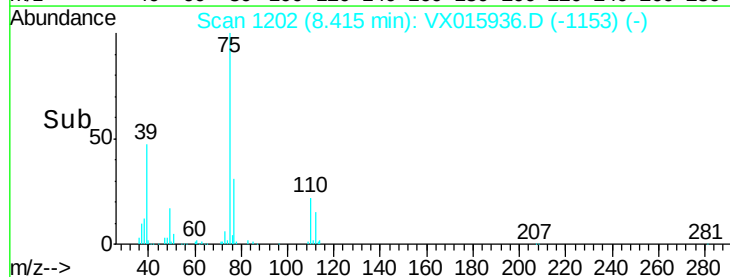
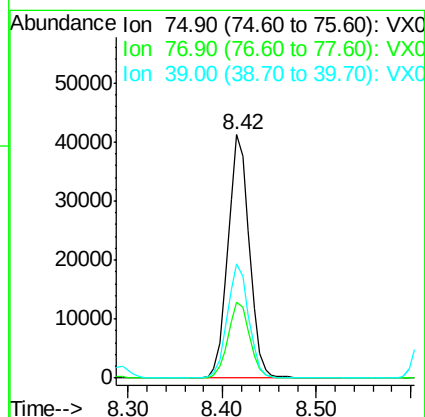
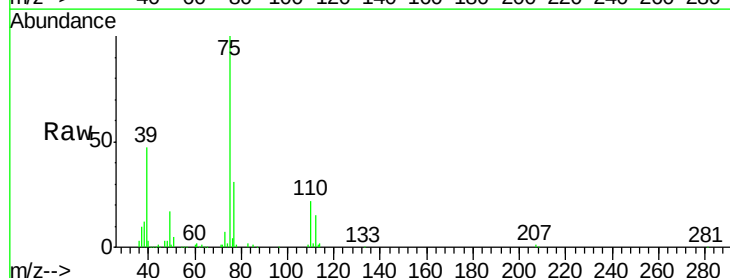
Tgt Ion: 75 Resp: 64870

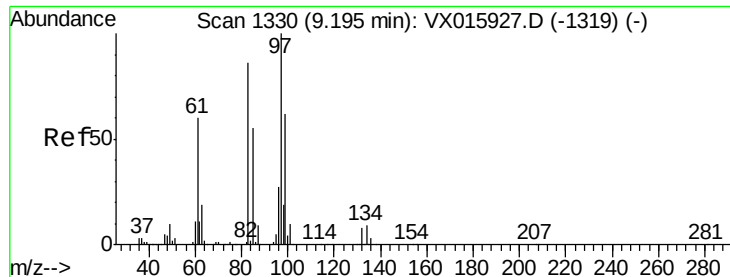
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8

39 46.9 37.2 55.8





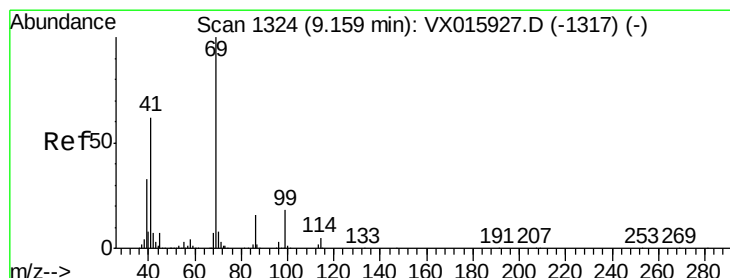
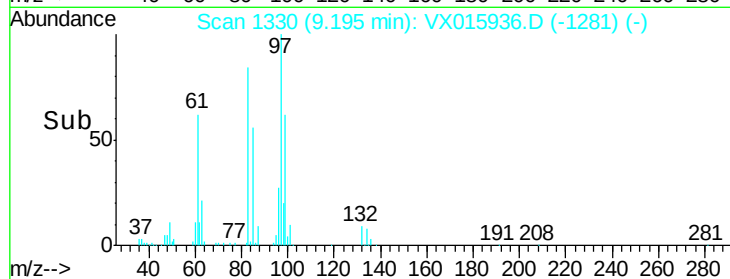
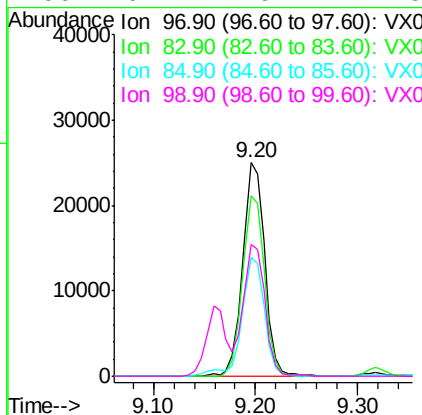
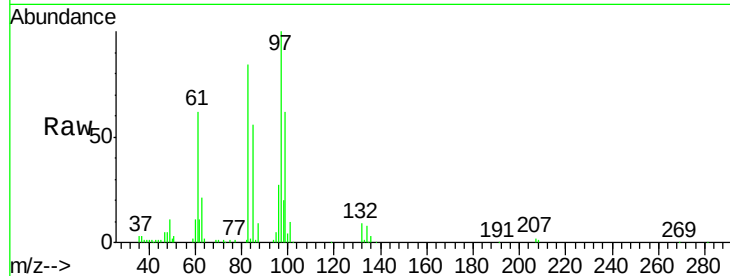
#55
 1,1,2-Trichloroethane
 Concen: 19.309 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Tot Ion	97	Resp	37490
Ion Ratio	Lower	Upper	
97	100		
83	84.2	68.6	103.0
85	55.9	44.0	66.0
99	61.7	49.7	74.5

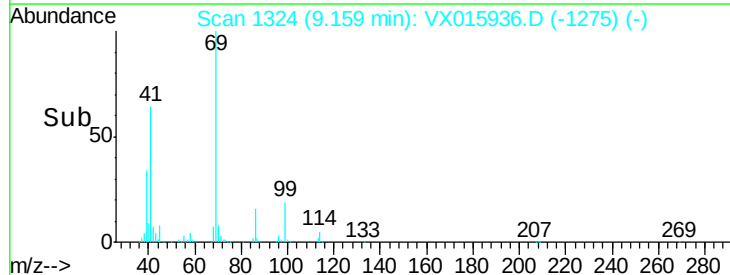
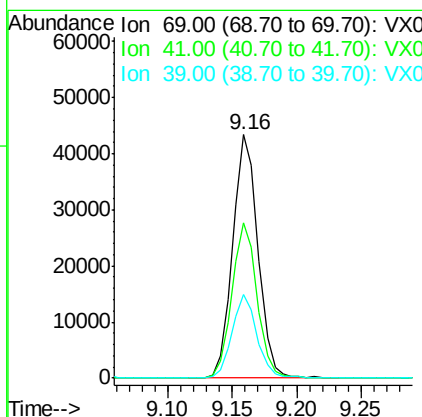
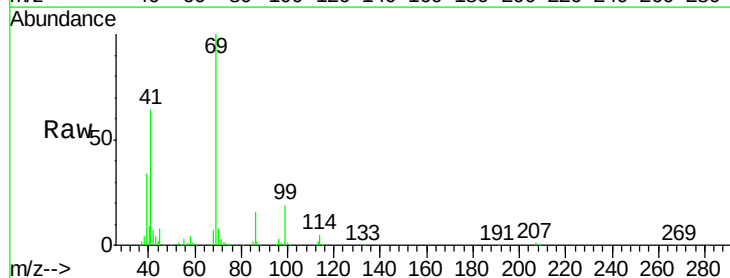
Manual Integrations
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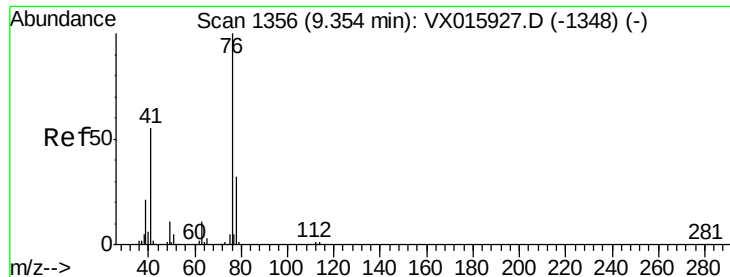
MMDadoda
 4/27/2020 12:40:20 PM



#56
 Ethyl methacrylate
 Concen: 19.067 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion	69	Resp	59639
Ion Ratio	Lower	Upper	
69	100		
41	63.8	49.2	73.8
39	33.8	26.0	39.0





#57

1,3-Dichloropropane

Concen: 19.431 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion: 76 Resp: 64549

Ion Ratio Lower Upper

76 100

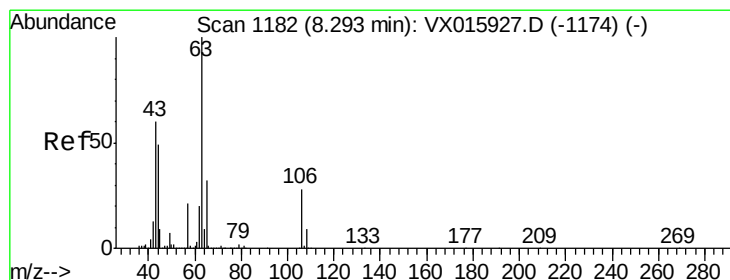
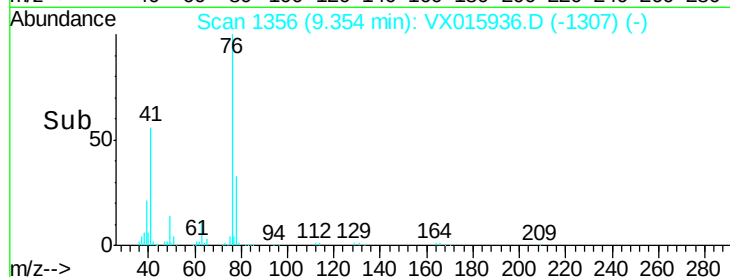
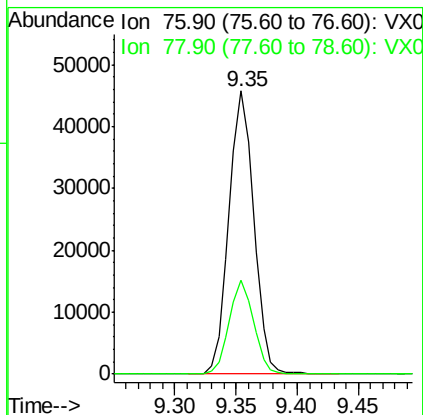
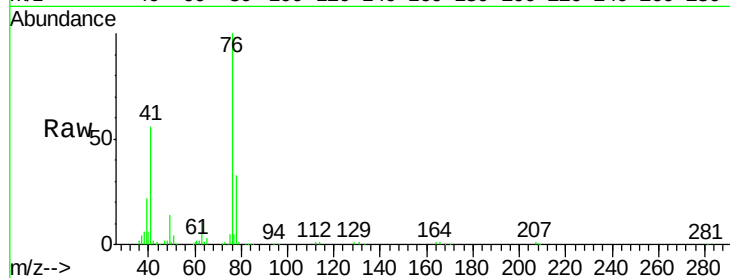
78 32.6 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 98.363 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015936.D

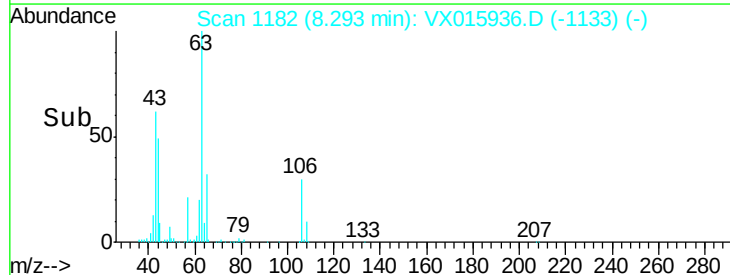
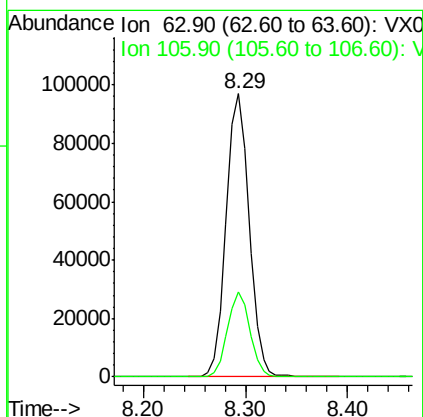
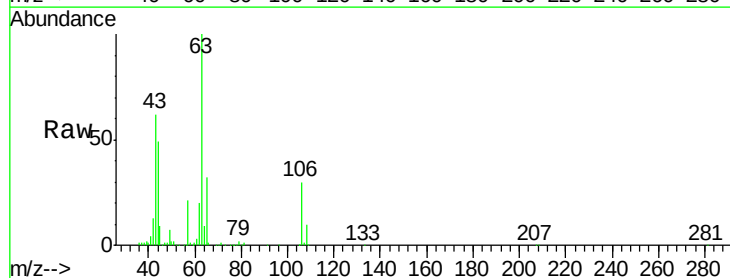
Acq: 24 Apr 2020 17:28

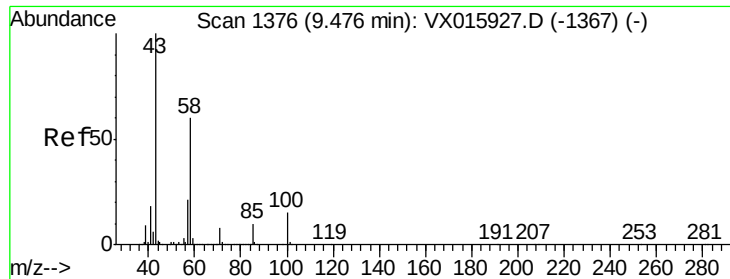
Tgt Ion: 63 Resp: 152031

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6





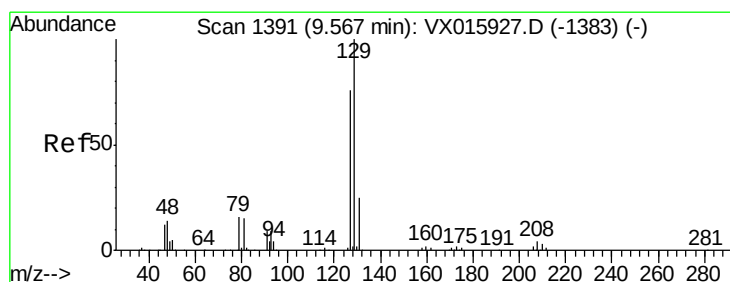
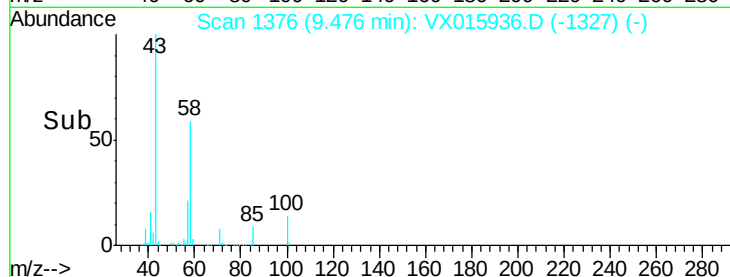
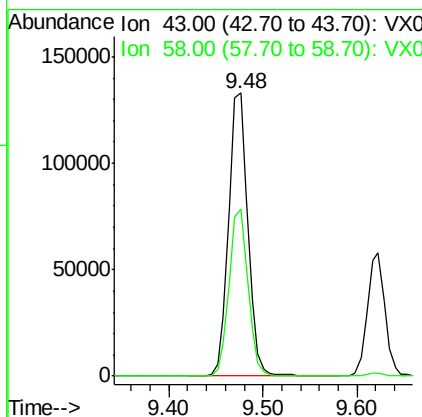
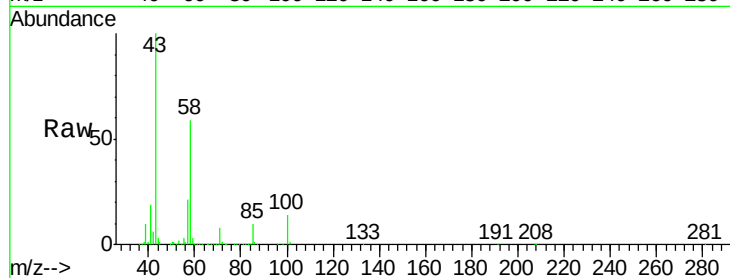
#59
2-Hexanone
Concen: 98.695 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.5	29.7	89.1

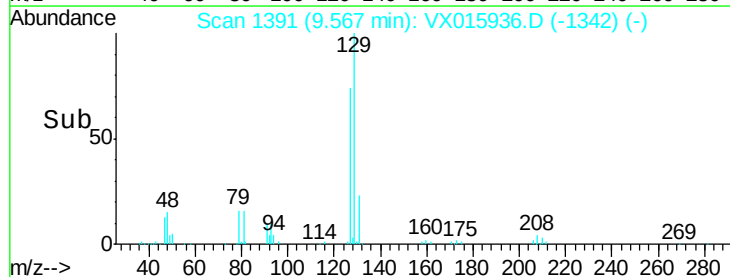
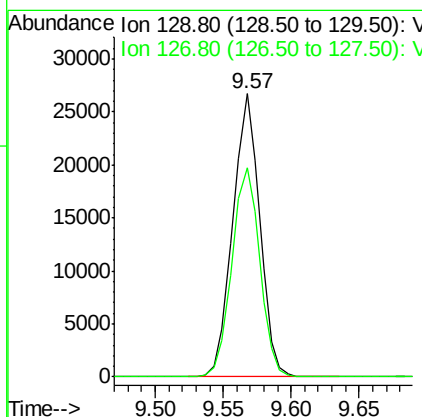
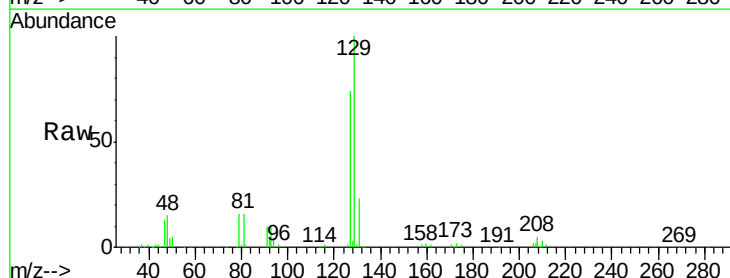
Manual Integrations
APPROVED

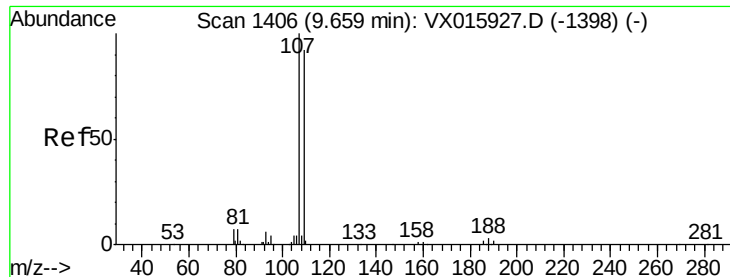
MMDadoda
4/27/2020 12:40:20 PM



#60
Dibromochloromethane
Concen: 19.152 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	38.8	116.3





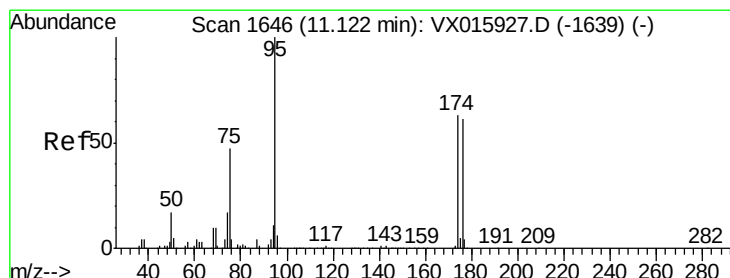
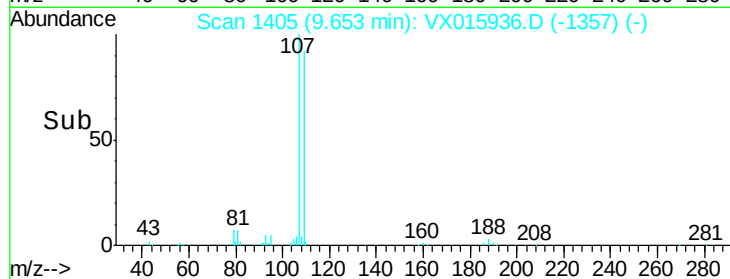
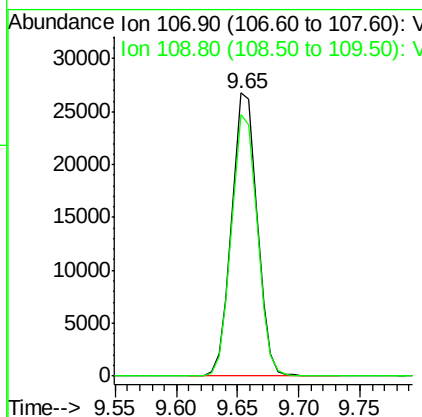
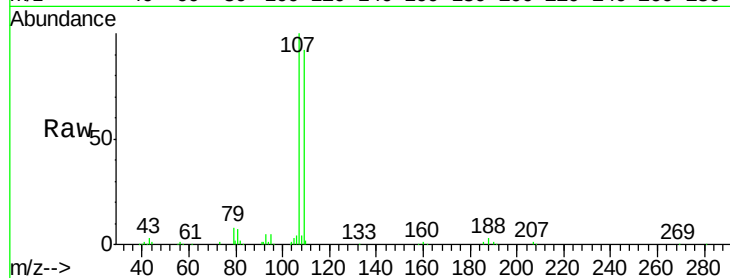
#61
 1,2-Dibromoethane
 Concen: 19.294 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.1	112.7

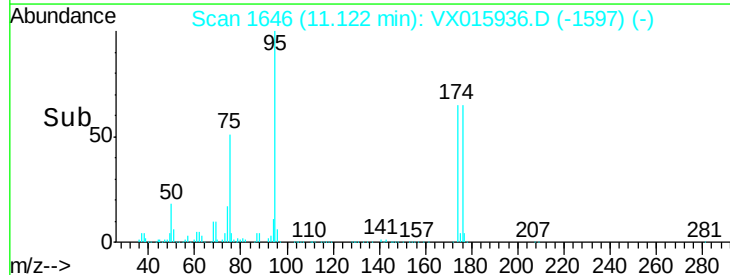
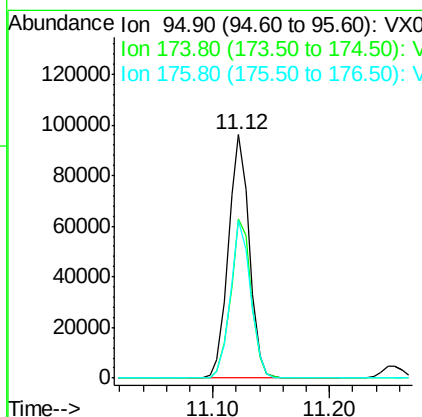
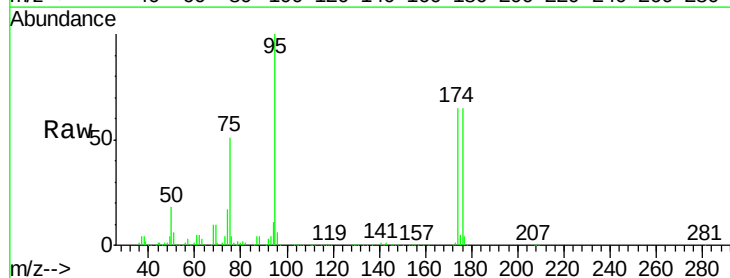
Manual Integrations
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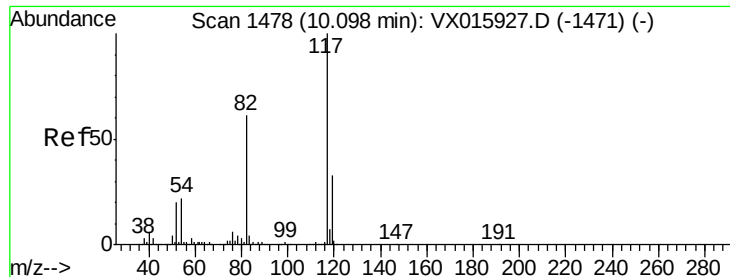
MMDadoda
 4/27/2020 12:40:20 PM



#62
 4-Bromofluorobenzene
 Concen: 46.473 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.5	0.0	133.6
176	63.1	0.0	126.0





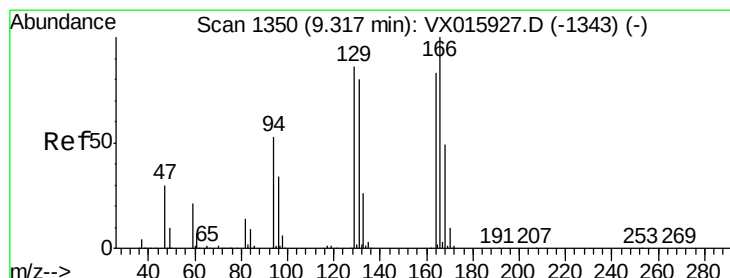
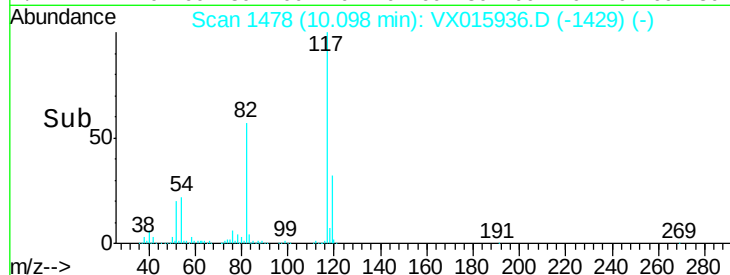
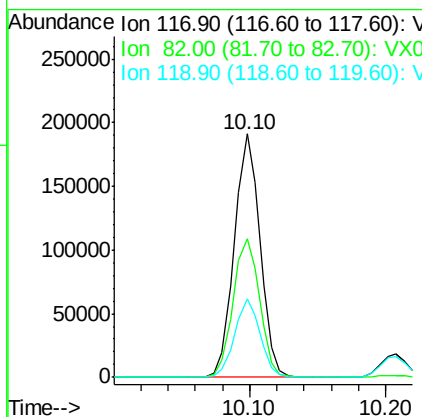
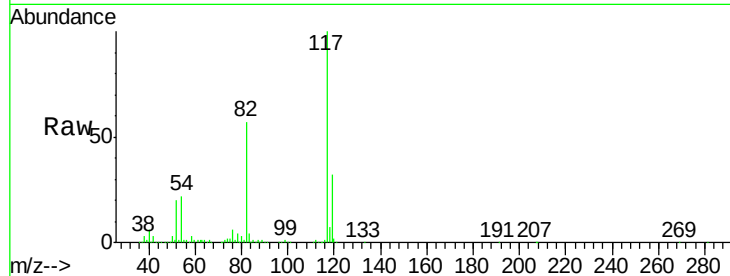
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	252012		
82	57.1	48.5	72.7	
119	32.0	26.2	39.4	

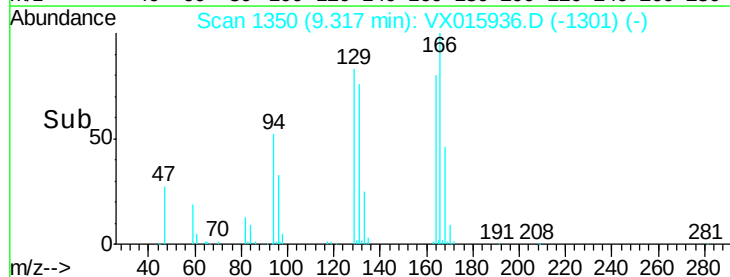
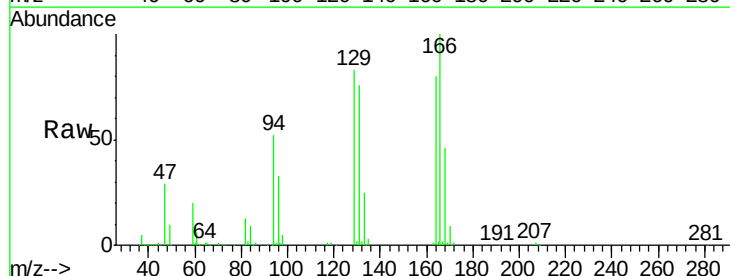
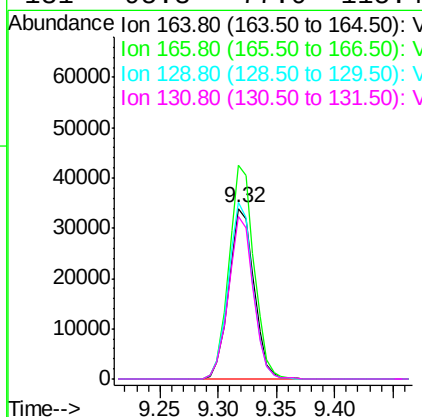
Manual Integrations
APPROVED

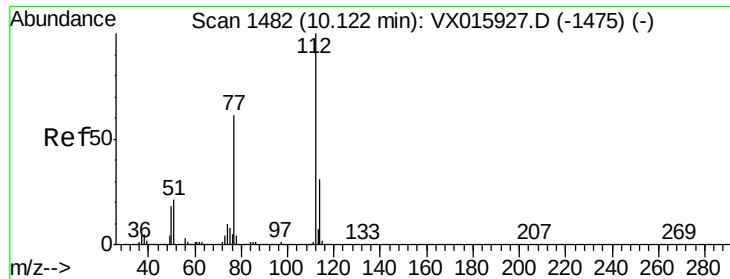
MMDadoda
4/27/2020 12:40:20 PM



#64
Tetrachloroethene
Concen: 20.290 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50880		
166	125.1	96.7	145.1	
129	103.8	82.8	124.2	
131	95.3	77.0	115.4	





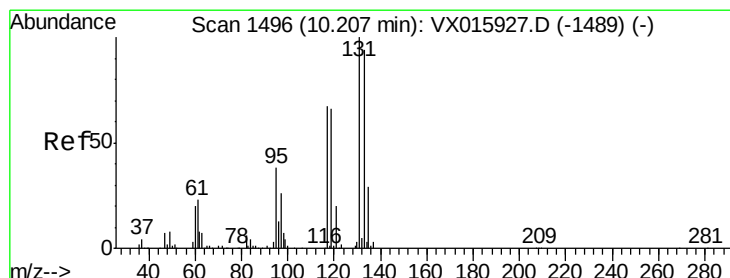
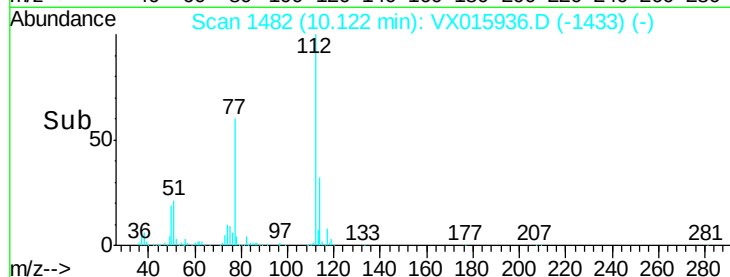
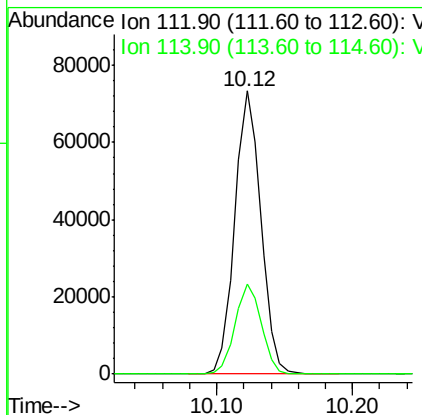
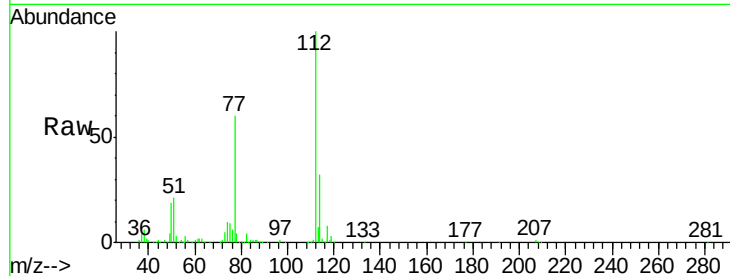
#65
Chlorobenzene
Concen: 19.524 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion:112 Resp: 97684
Ion Ratio Lower Upper
112 100
114 31.9 25.2 37.8

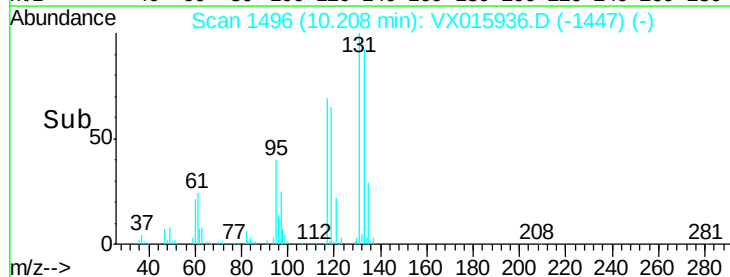
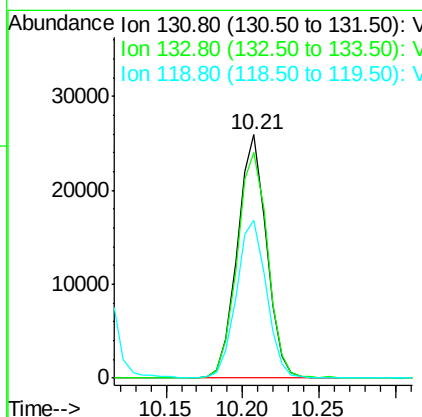
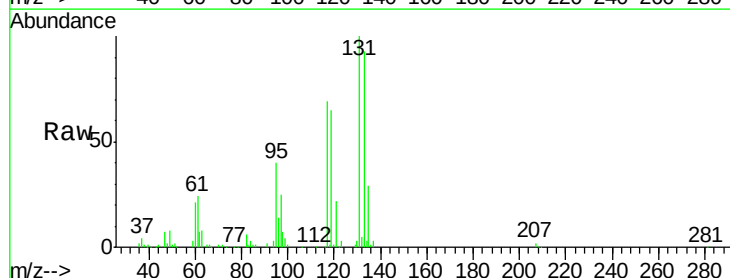
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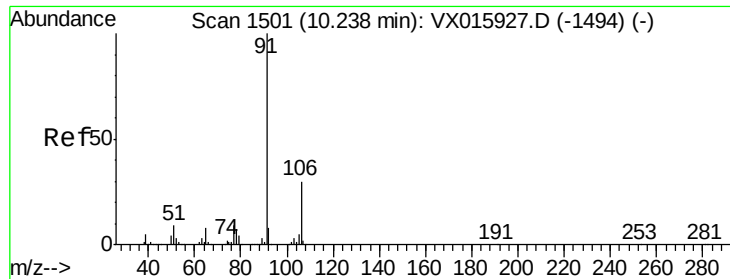
MMDadoda
4/27/2020 12:40:20 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.294 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion:131 Resp: 34207
Ion Ratio Lower Upper
131 100
133 98.0 46.7 140.0
119 67.1 33.7 101.0





#67

Ethyl Benzene

Concen: 19.500 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion: 91 Resp: 179876

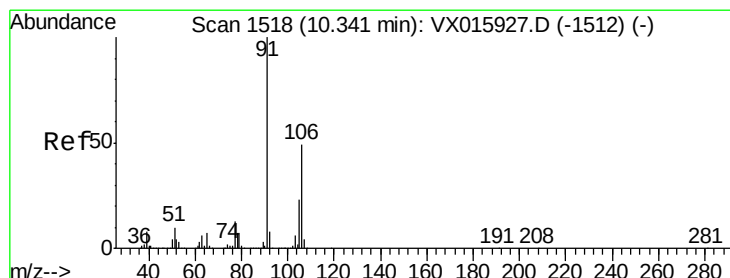
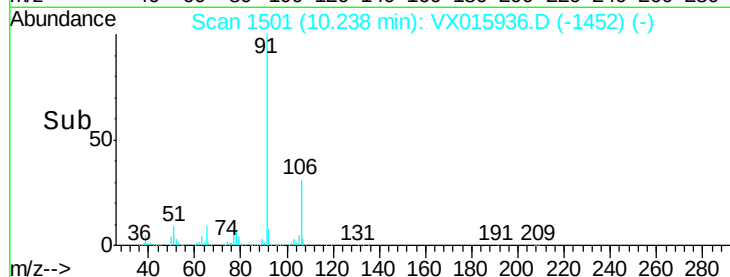
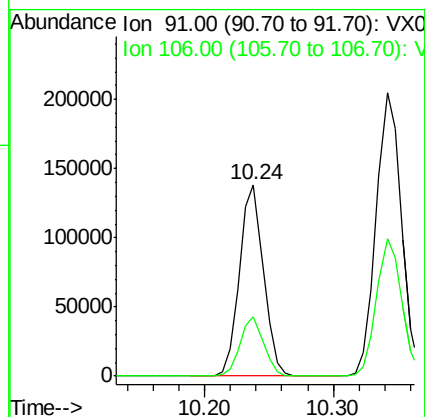
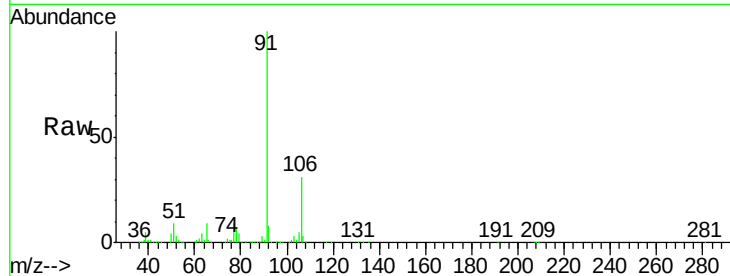
Ion Ratio Lower Upper

91 100

106 31.0 24.2 36.4

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#68

m/p-Xylenes

Concen: 39.678 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015936.D

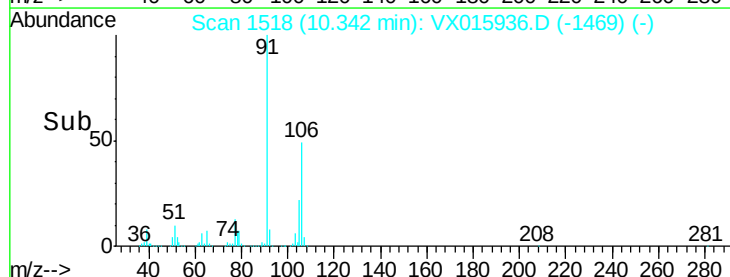
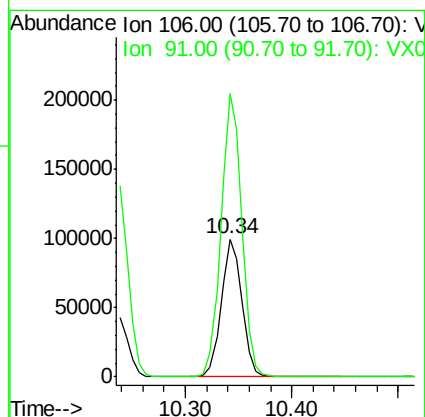
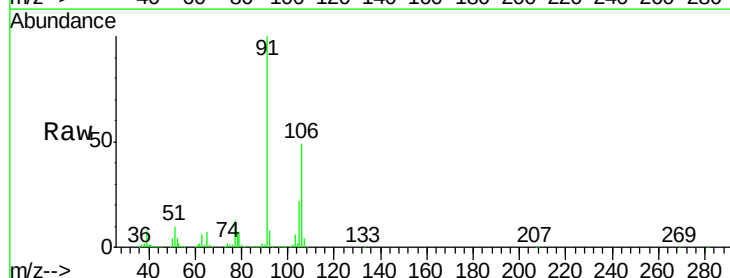
Acq: 24 Apr 2020 17:28

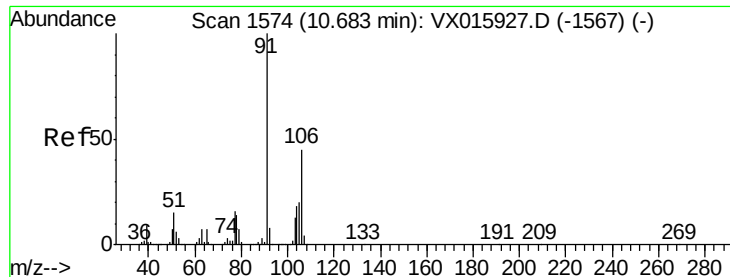
Tgt Ion: 106 Resp: 134045

Ion Ratio Lower Upper

106 100

91 205.9 164.9 247.3





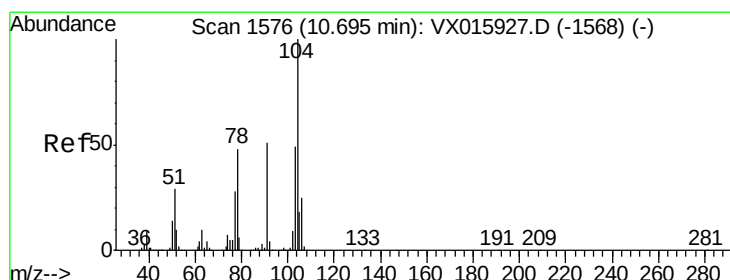
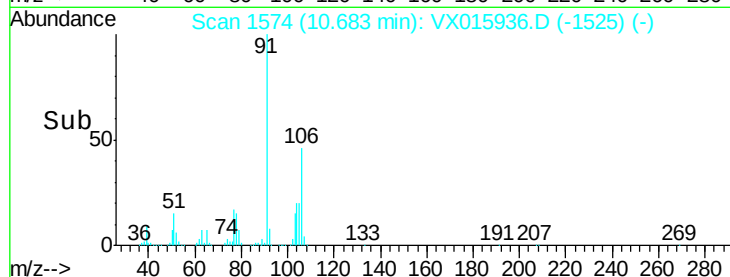
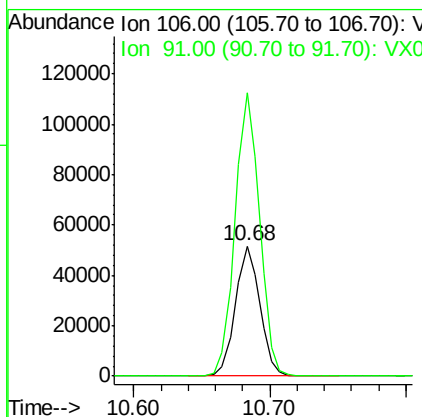
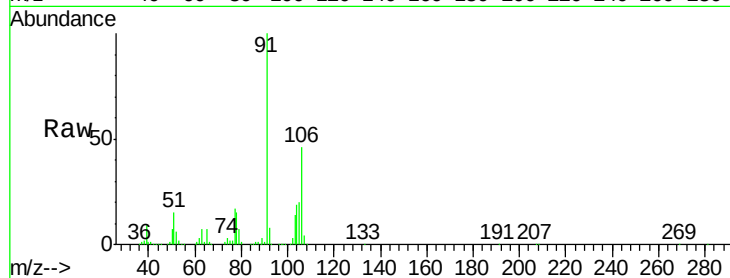
#69
o-Xylene
Concen: 19.590 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion:106 Resp: 64583
Ion Ratio Lower Upper
106 100
91 218.9 108.6 325.8

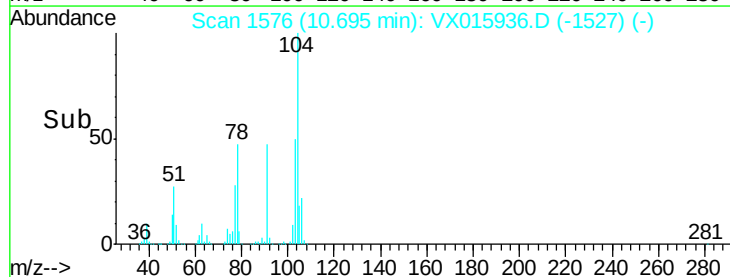
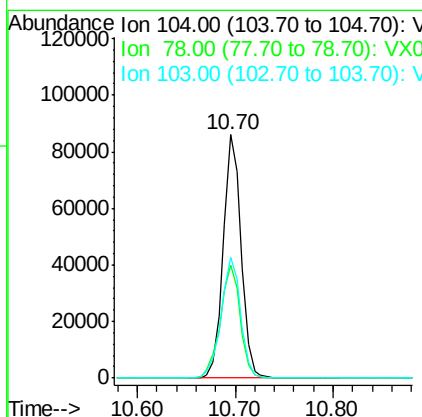
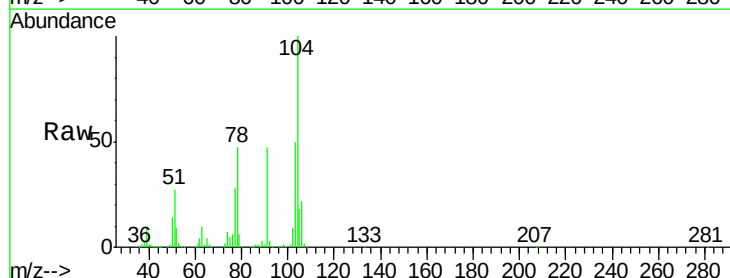
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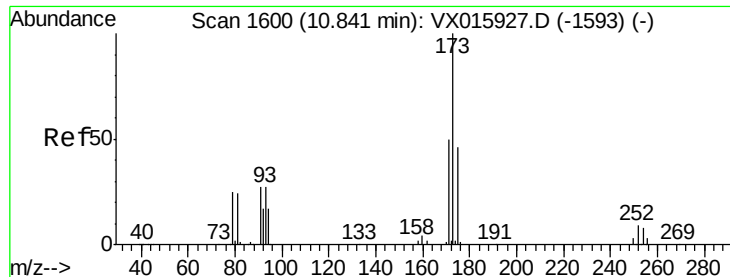
MMDadoda
4/27/2020 12:40:20 PM



#70
Styrene
Concen: 19.179 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion:104 Resp: 109052
Ion Ratio Lower Upper
104 100
78 51.6 40.5 60.7
103 53.6 42.7 64.1





#71

Bromoform

Concen: 18.832 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

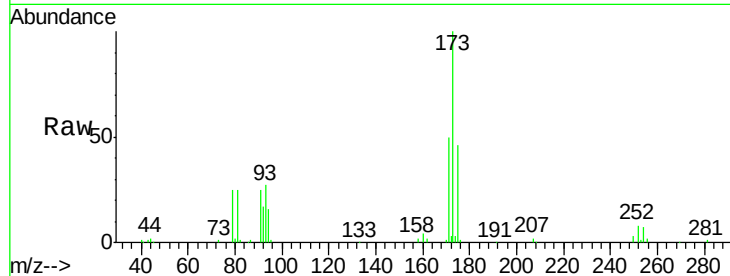
ClientSampleId :

VX0424WBSD01

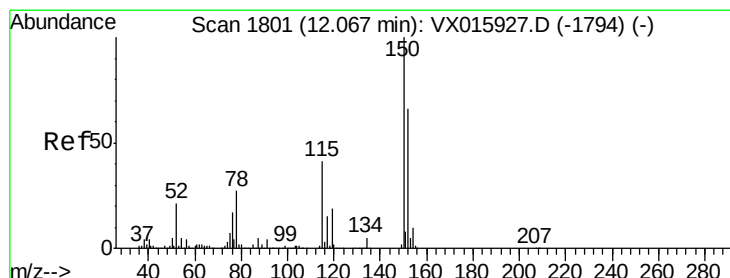
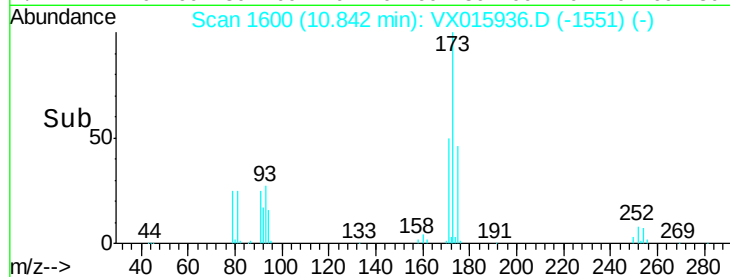
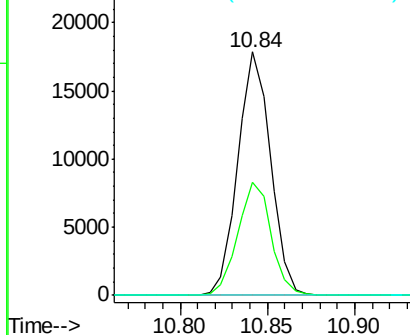
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	23.2	69.5
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

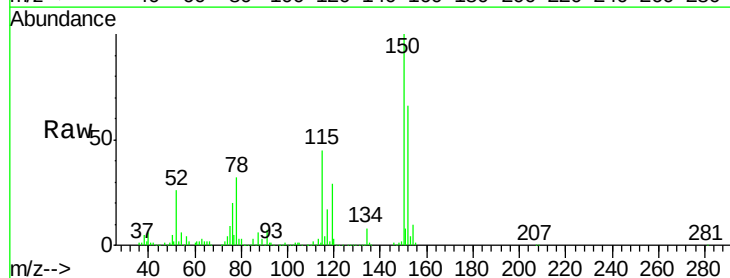
RT: 12.06 min Scan# 1800

Delta R.T. -0.01 min

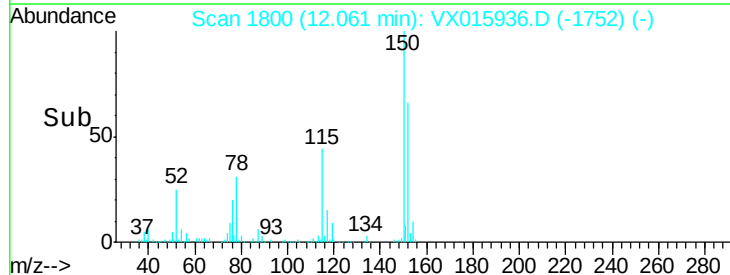
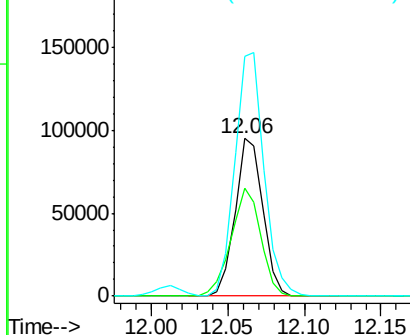
Lab File: VX015936.D

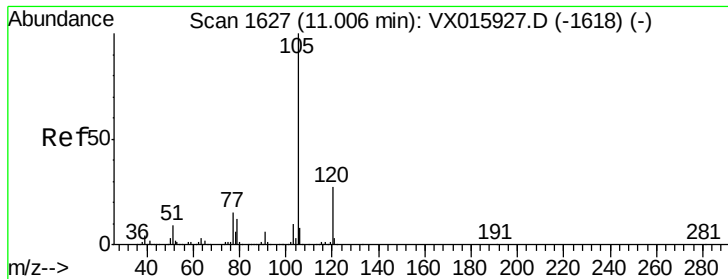
Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	73.4	44.1	132.4
150	163.2	0.0	343.6



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





#73

Isopropylbenzene

Concen: 19.147 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion: 105 Resp: 169317

Ion Ratio Lower Upper

105 100

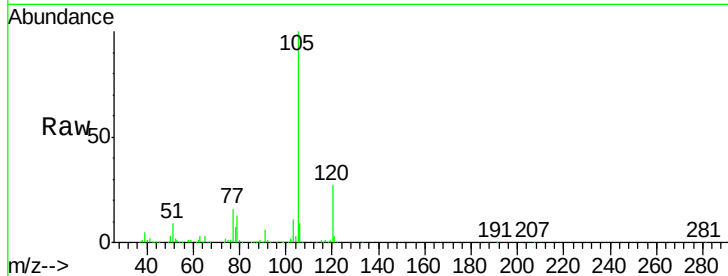
120 26.0 13.1 39.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

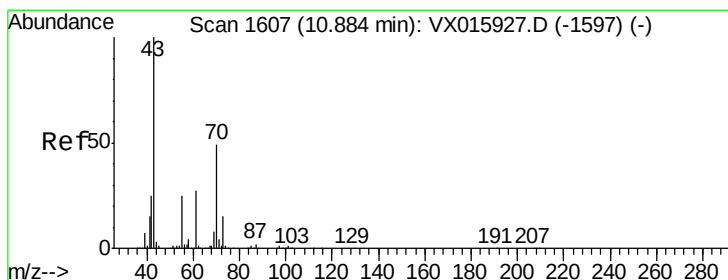
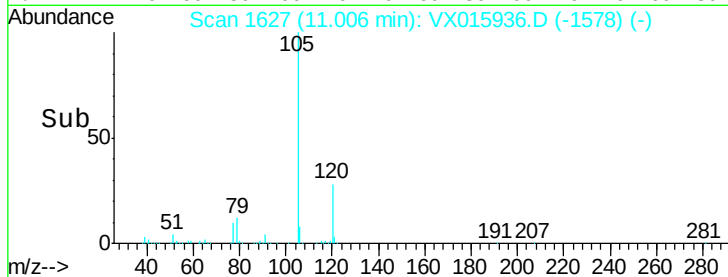
11.01

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.806 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Tgt Ion: 43 Resp: 76069

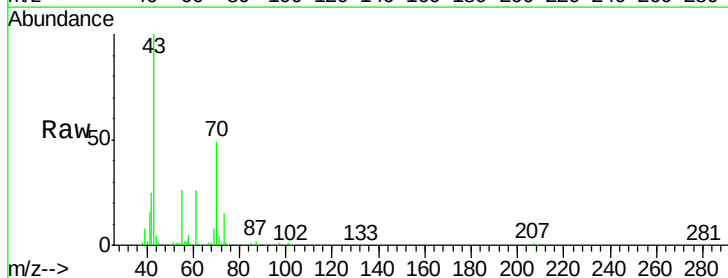
Ion Ratio Lower Upper

43 100

70 47.0 37.8 56.6

55 25.6 20.2 30.2

61 26.2 21.6 32.4



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

80000

10.88

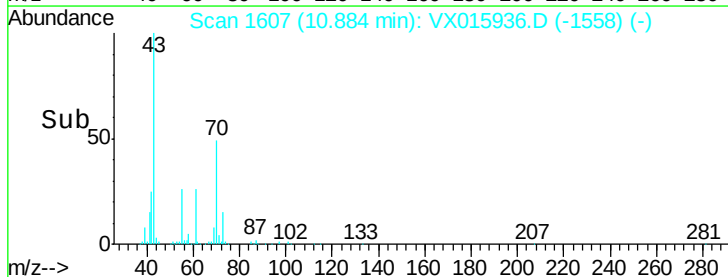
60000

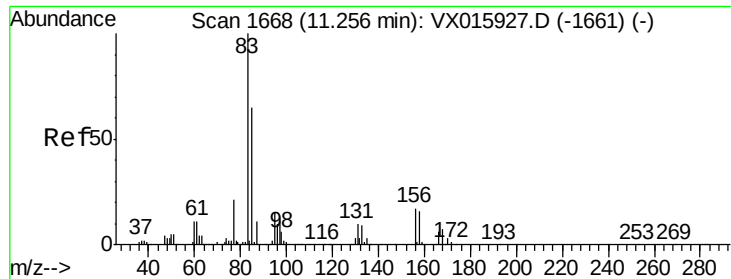
40000

20000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 19.588 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

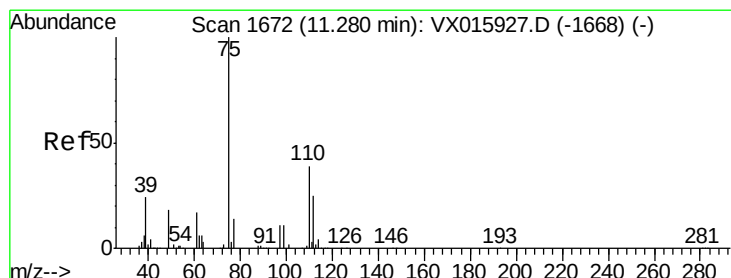
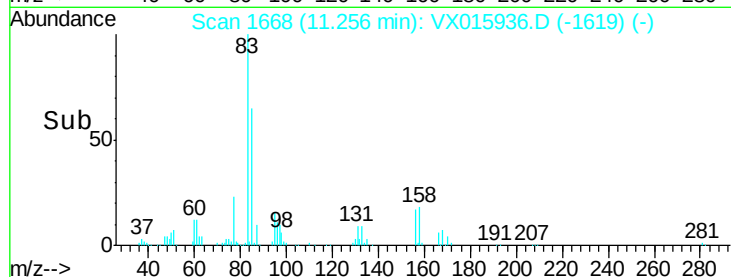
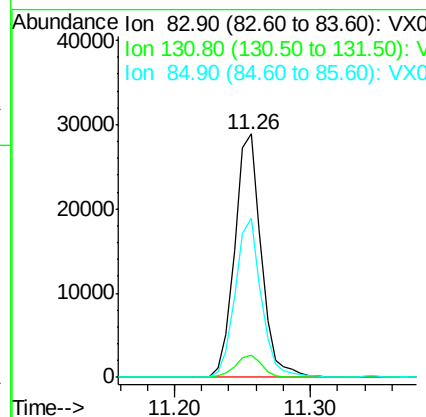
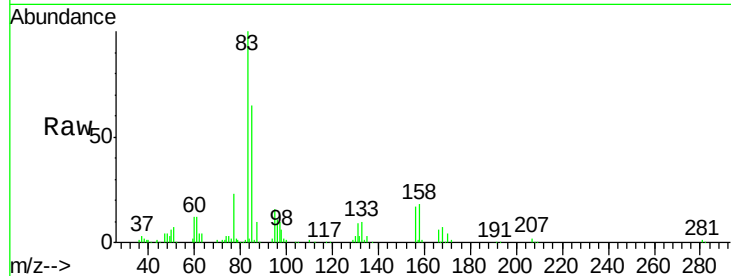
ClientSampleId :

VX0424WBSD01

Tot Ion:	83	Resp:	39145
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.9	14.6
85	64.3	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 20.330 ug/l m

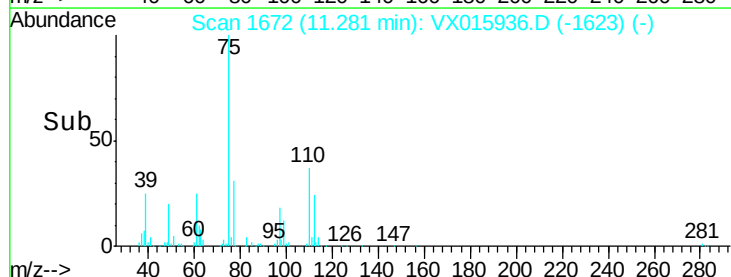
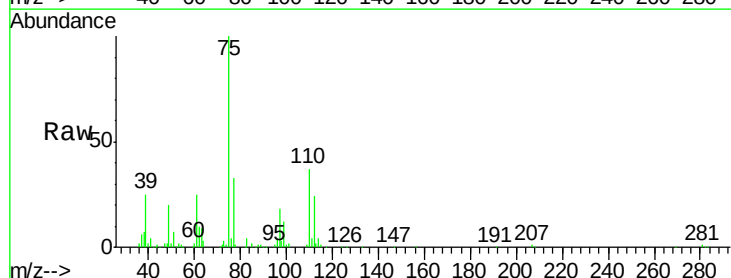
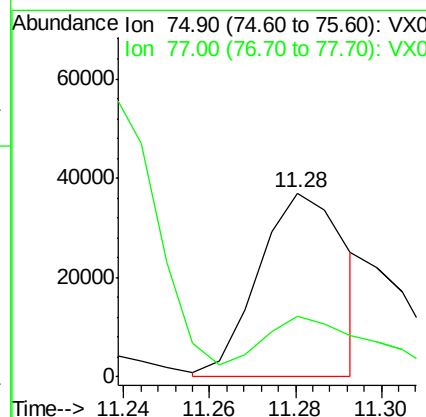
RT: 11.28 min Scan# 1672

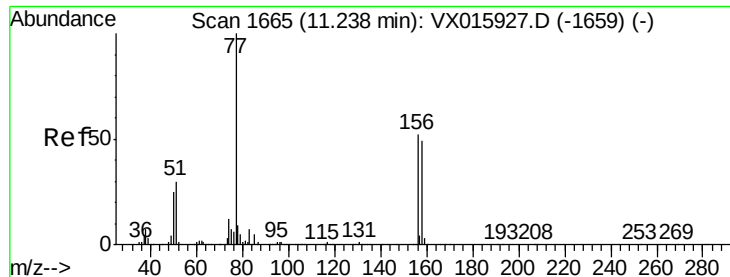
Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Tgt Ion:	75	Resp:	51882
Ion Ratio	Lower	Upper	
75	100		
77	42.9	22.1	66.5





#77

Bromobenzene

Concen: 19.505 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion:156 Resp: 39178

Ion Ratio Lower Upper

156 100

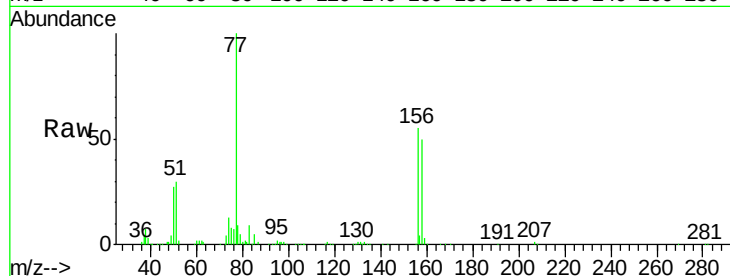
77 185.3 94.0 281.9

158 94.0 48.6 145.9

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MMDadoda

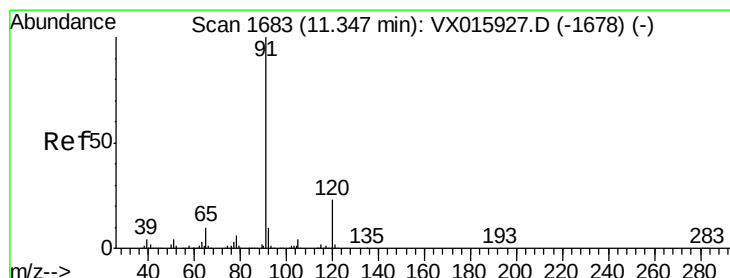
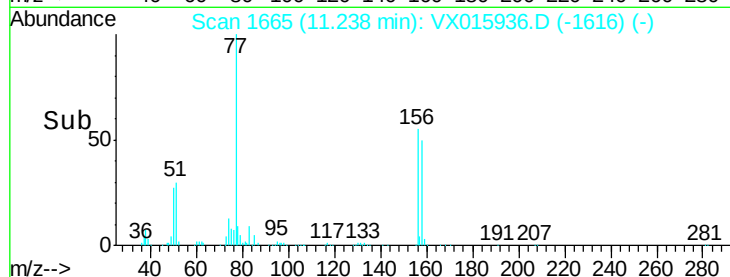
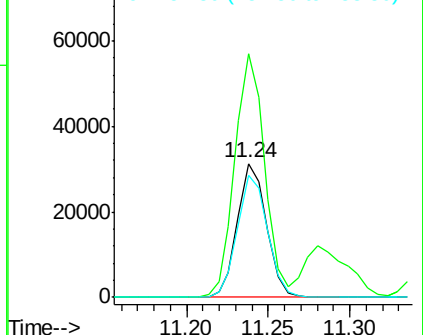
4/27/2020 12:40:20 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.283 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015936.D

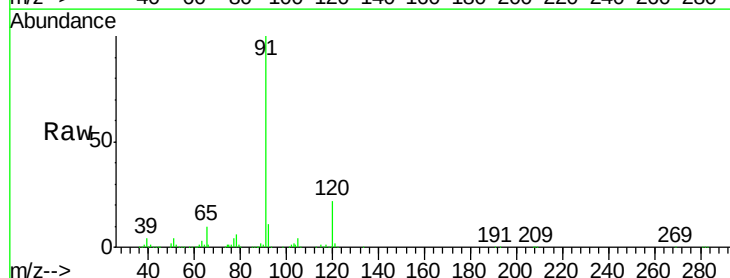
Acq: 24 Apr 2020 17:28

Tgt Ion: 91 Resp: 201328

Ion Ratio Lower Upper

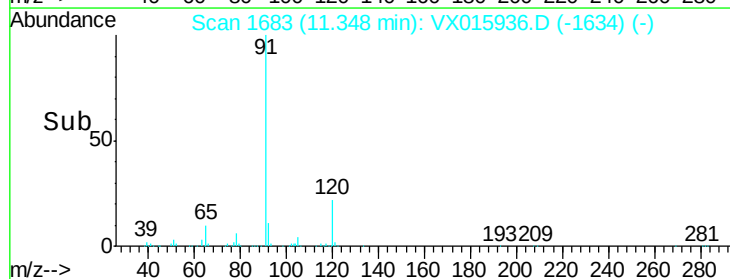
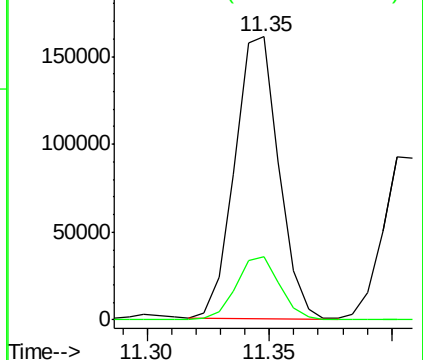
91 100

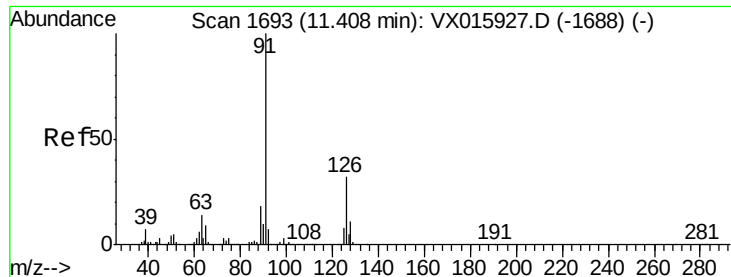
120 22.0 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.574 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampled :

VX0424WBSD01

Tot Ion: 91 Resp: 120466

Ion Ratio Lower Upper

91 100

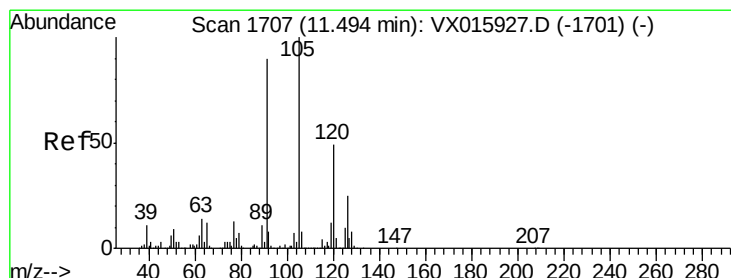
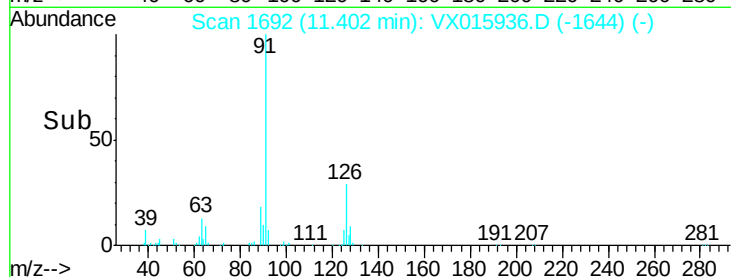
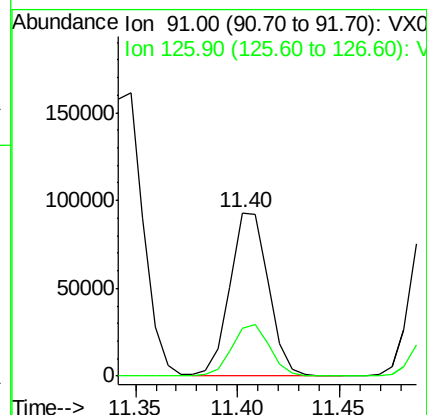
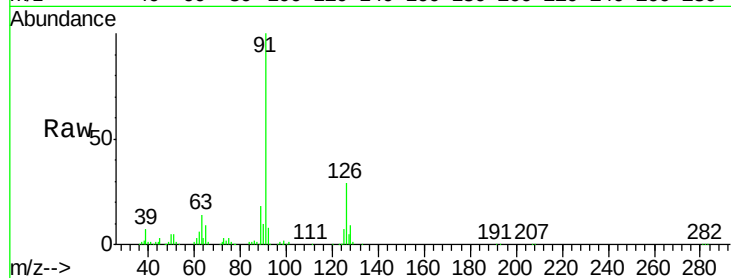
126 31.2 15.8 47.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.428 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015936.D

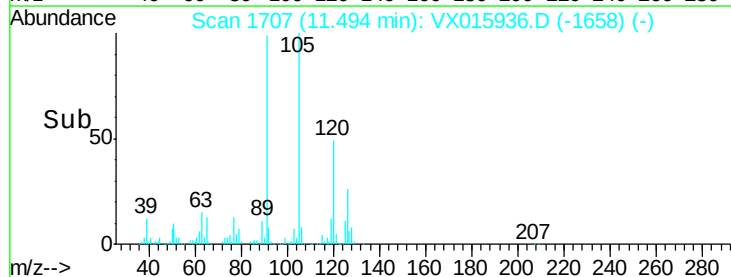
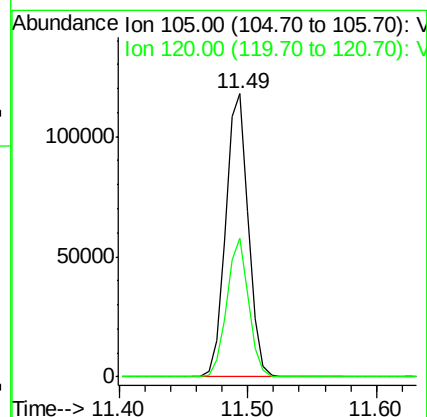
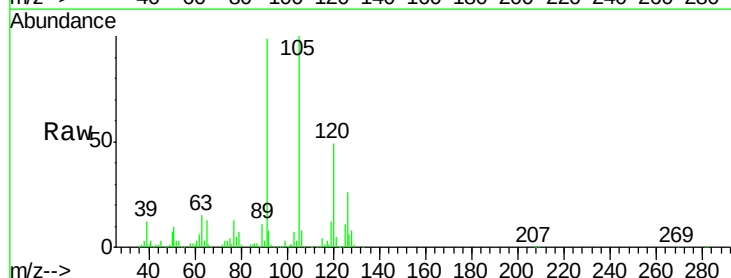
Acq: 24 Apr 2020 17:28

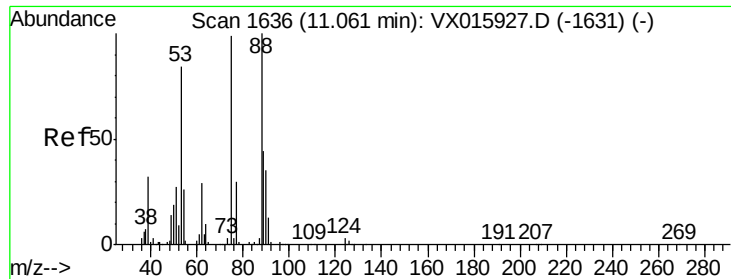
Tgt Ion: 105 Resp: 146049

Ion Ratio Lower Upper

105 100

120 47.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.262 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

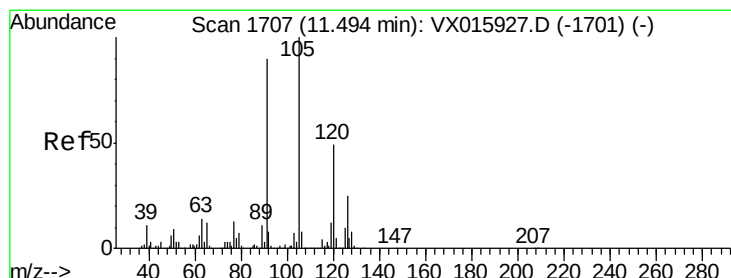
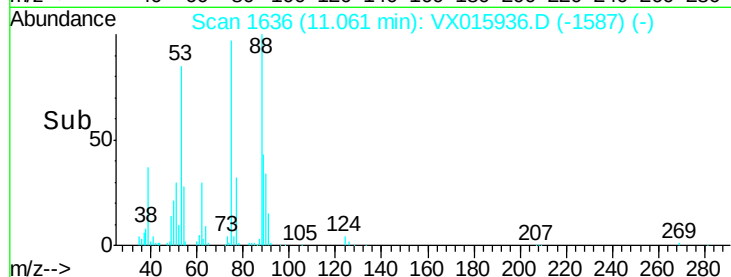
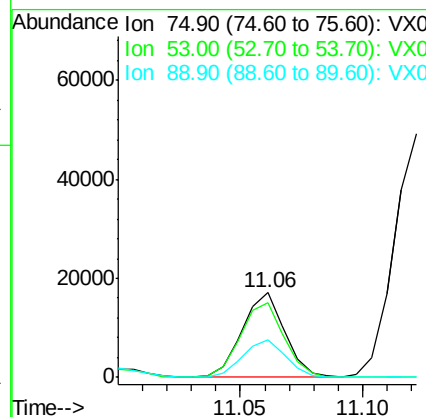
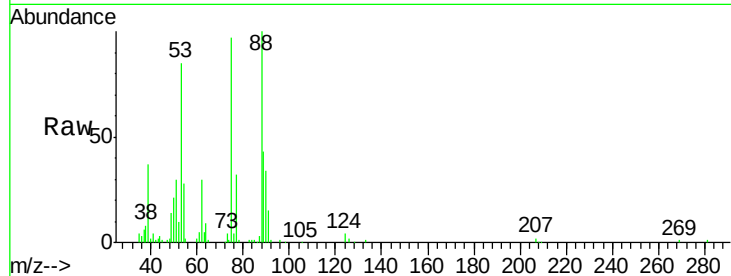
ClientSampleId :

VX0424WBSD01

Tot Ion:	75	Resp:	20689
Ion	Ratio	Lower	Upper
75	100		
53	90.6	69.7	104.5
89	45.3	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.235 ug/l

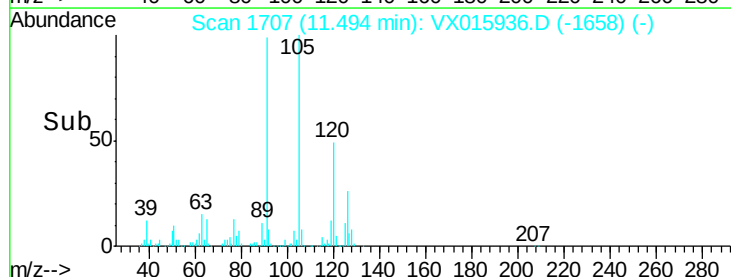
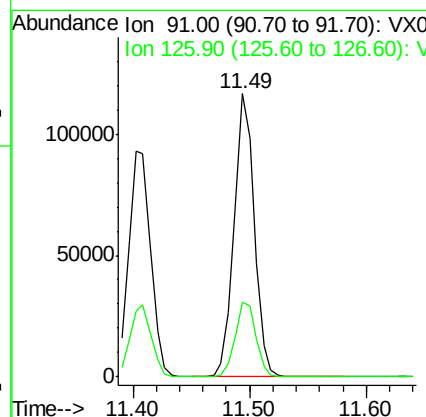
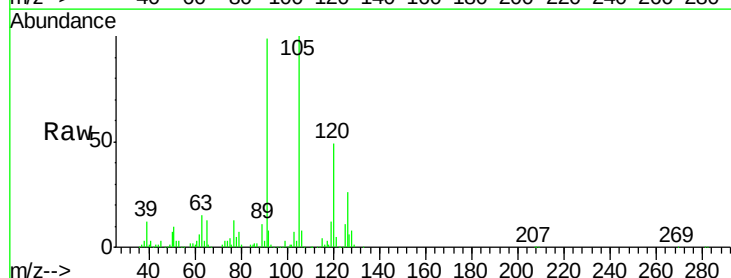
RT: 11.49 min Scan# 1707

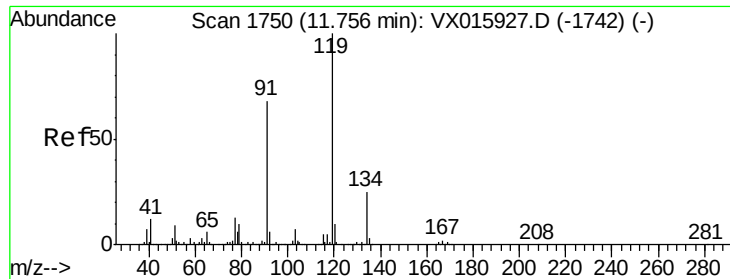
Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Tgt Ion:	91	Resp:	141298
Ion	Ratio	Lower	Upper
91	100		
126	27.5	14.2	42.8





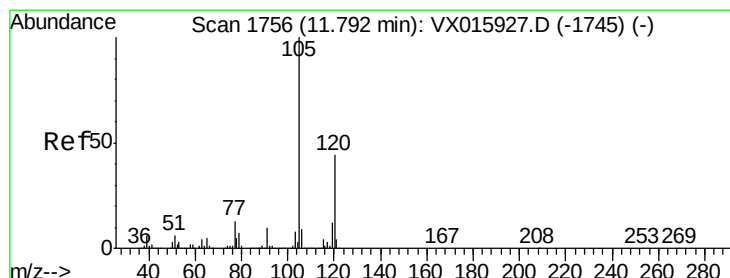
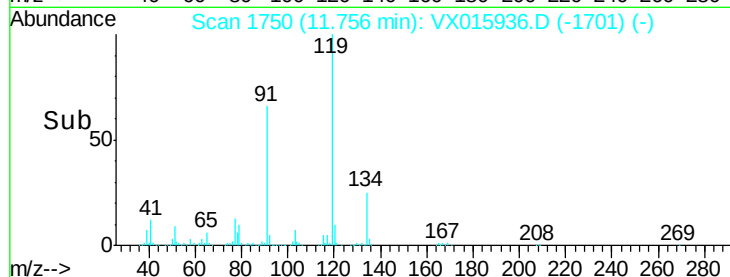
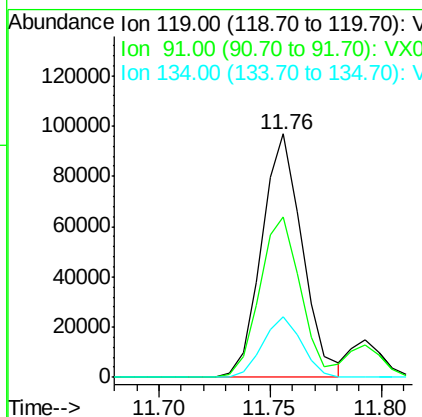
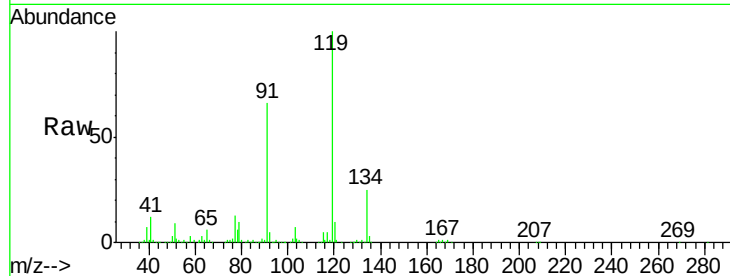
#83
 tert-Butylbenzene
 Concen: 19.411 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	122696		
91	67.3	34.3	102.8	
134	24.0	12.1	36.3	

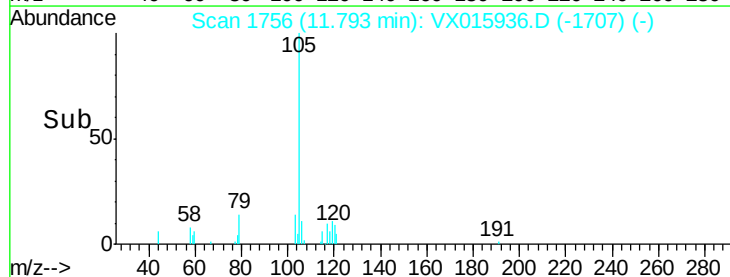
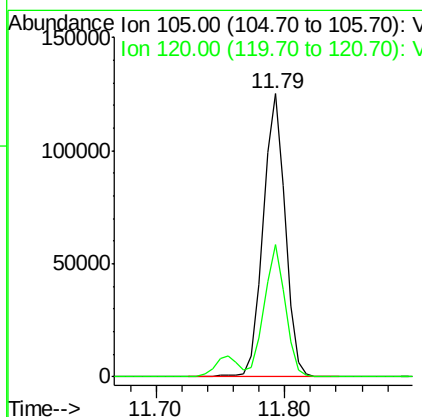
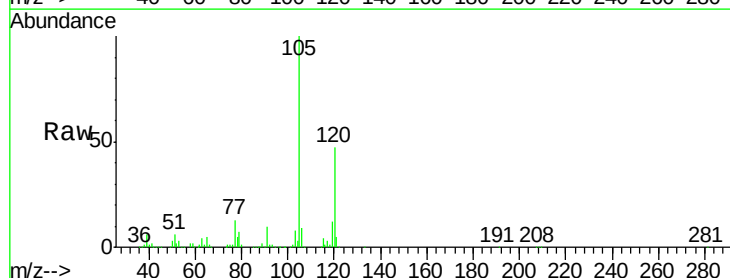
Manual Integrations
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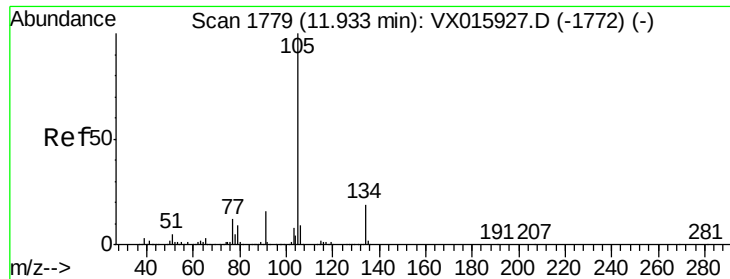
MMDadoda
 4/27/2020 12:40:20 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.080 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	147073		
120	44.9	22.3	66.8	





#85

sec-Butylbenzene

Concen: 19.197 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tot Ion:105 Resp: 166138

Ion Ratio Lower Upper

105 100

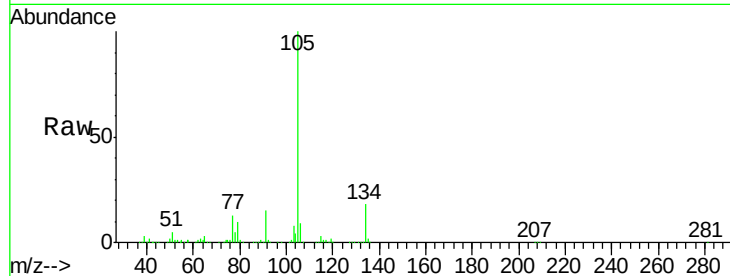
134 18.7 9.3 28.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

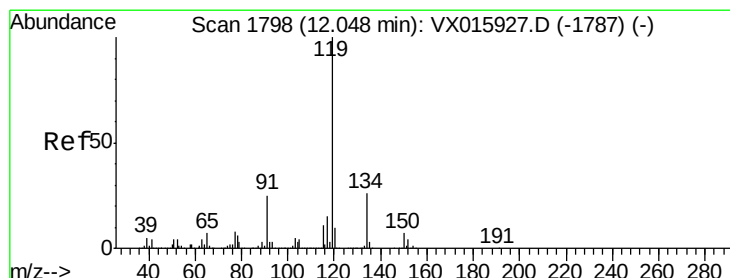
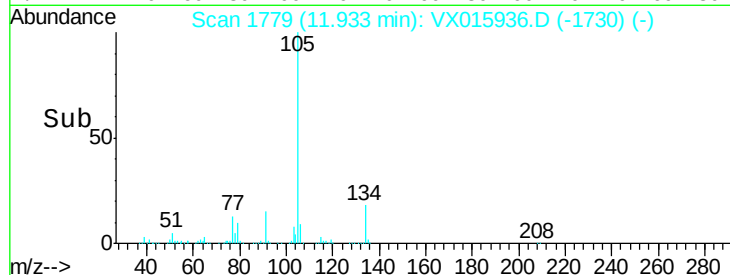
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.184 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

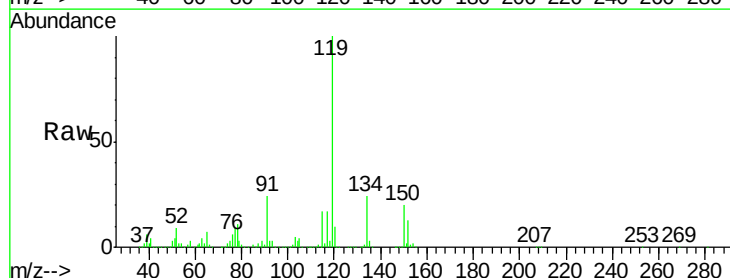
Tgt Ion:119 Resp: 151392

Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.8

91 24.4 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

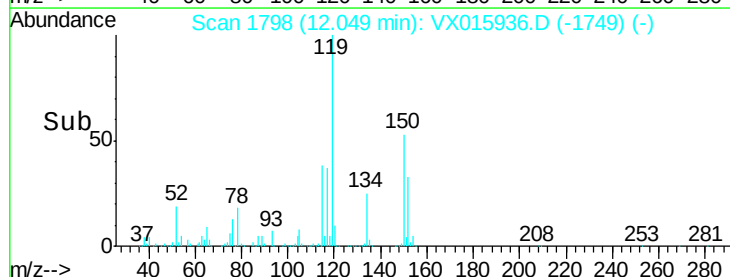
150000

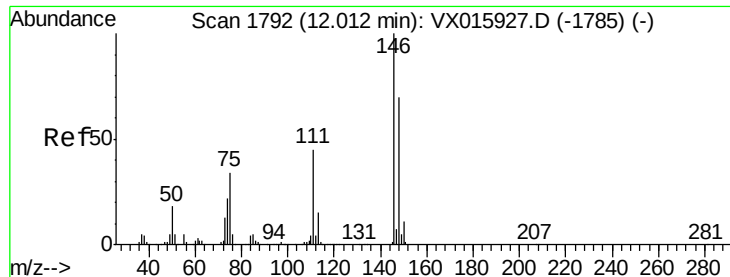
100000

50000

0

Time-->





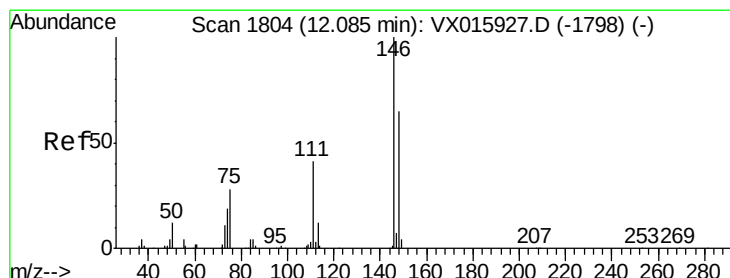
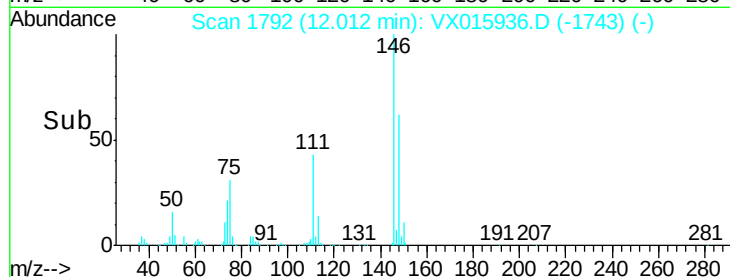
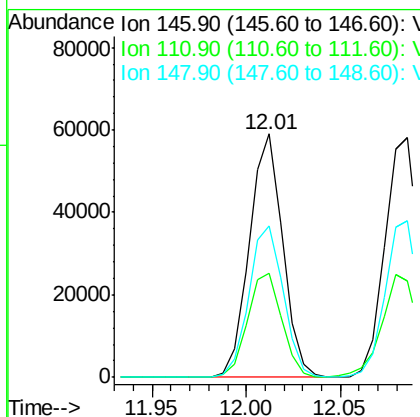
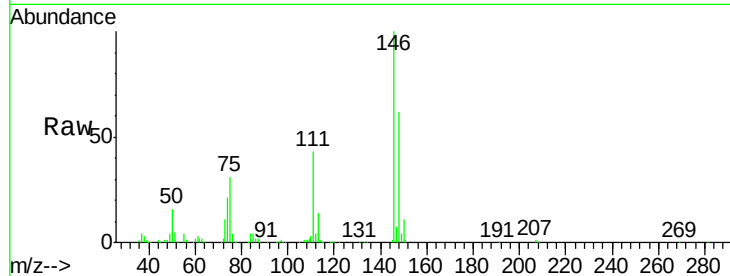
#87
 1,3-Dichlorobenzene
 Concen: 19.596 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.2	66.6
148	64.1	32.8	98.4

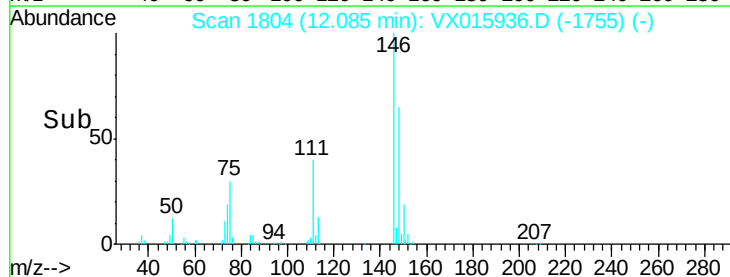
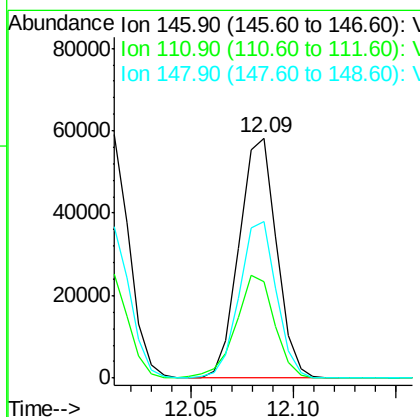
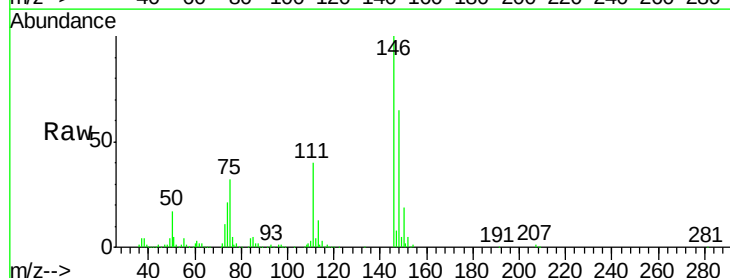
Manual Integrations
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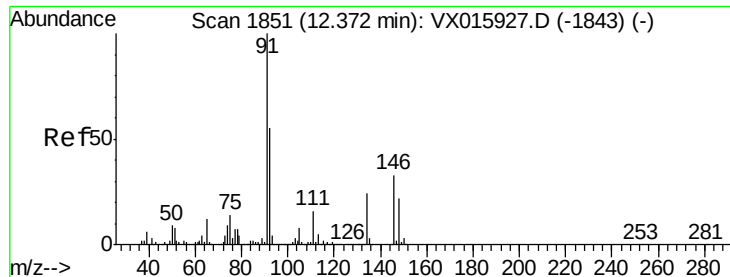
MMDadoda
 4/27/2020 12:40:20 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.482 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.6	64.6
148	64.9	32.3	96.8





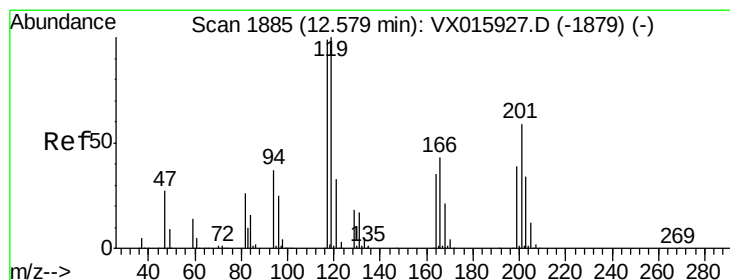
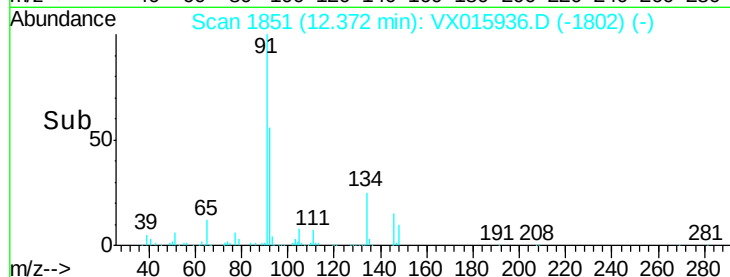
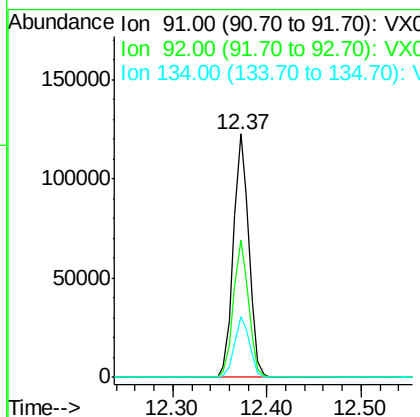
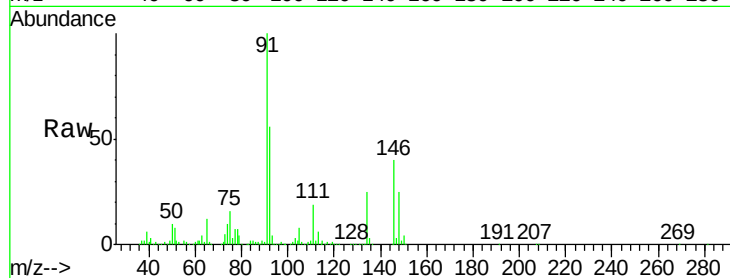
#89
n-Butylbenzene
Concen: 18.664 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.3	81.9
134	24.4	12.2	36.4

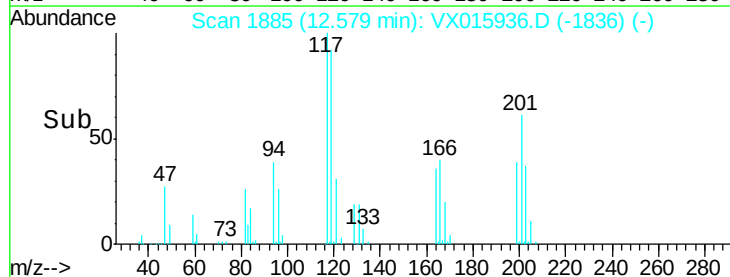
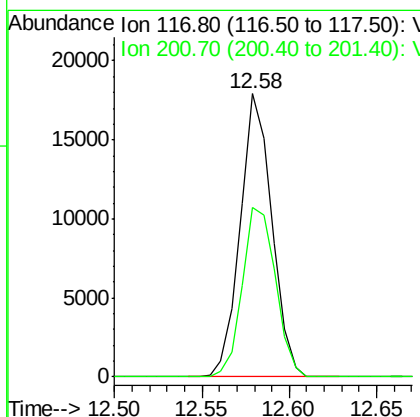
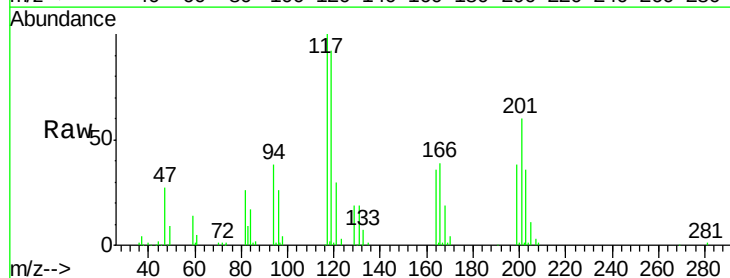
Manual Integrations
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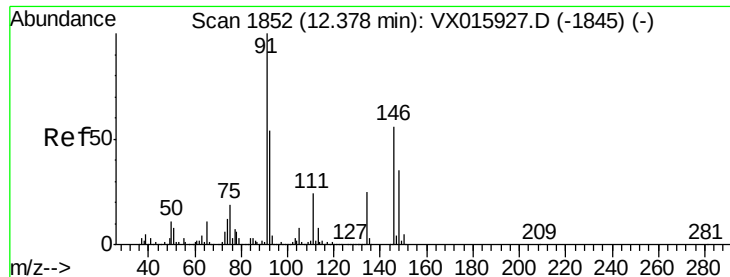
MMDadoda
4/27/2020 12:40:20 PM



#90
Hexachloroethane
Concen: 18.336 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.8	32.1	96.3





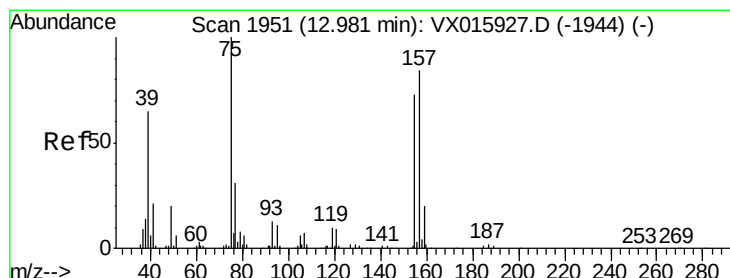
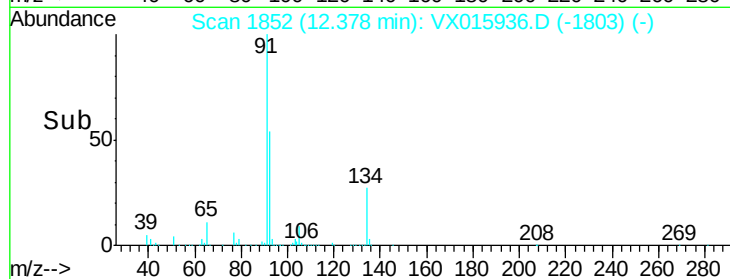
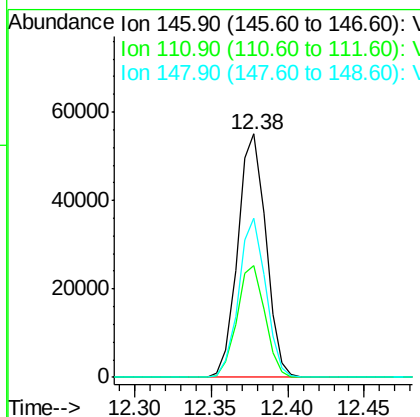
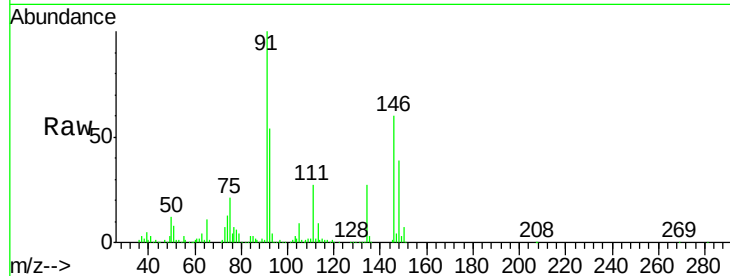
#91
 1,2-Dichlorobenzene
 Concen: 19.604 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.3	66.8
148	62.8	31.4	94.2

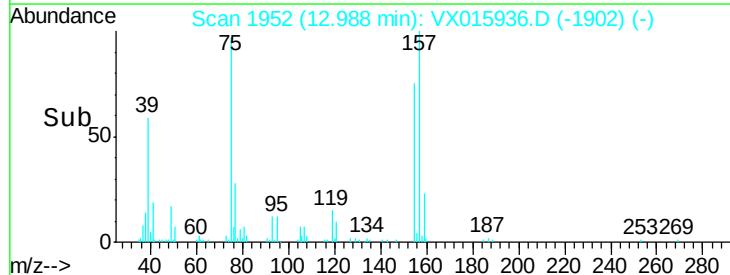
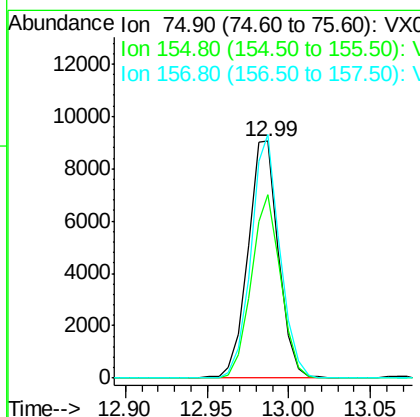
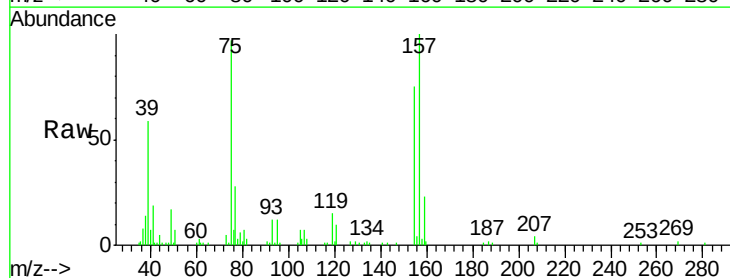
Manual Integrations
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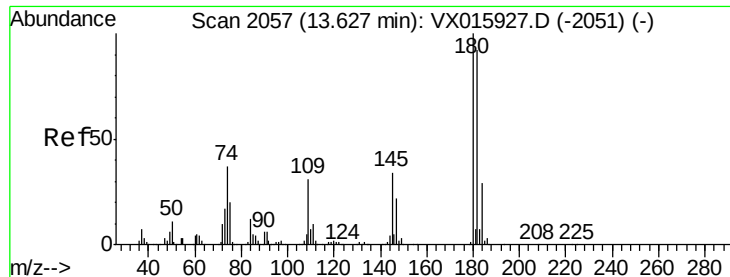
MMDadoda
 4/27/2020 12:40:20 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.600 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.9	37.9	113.6
157	96.2	47.9	143.8





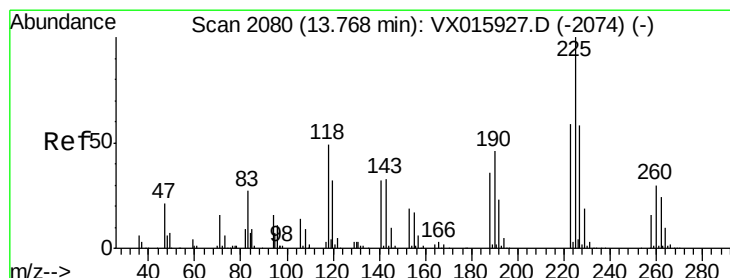
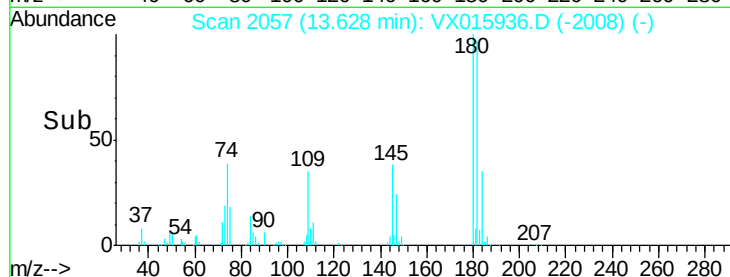
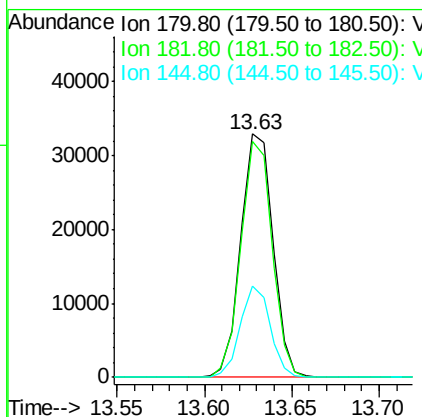
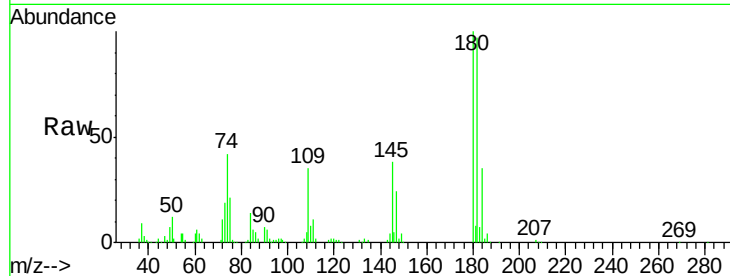
#93
 1,2,4-Trichlorobenzene
 Concen: 18.351 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.6	142.9
145	35.0	17.3	52.0

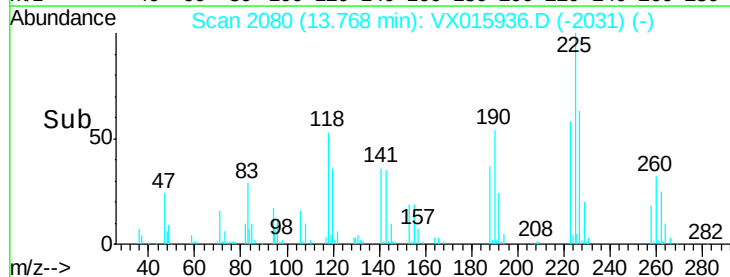
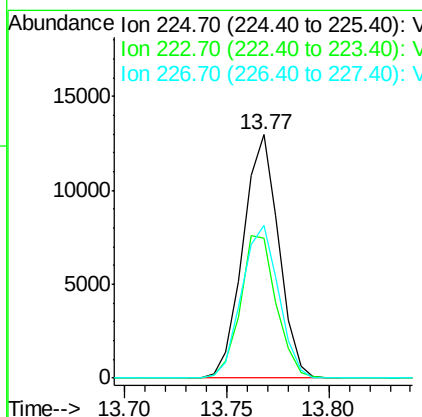
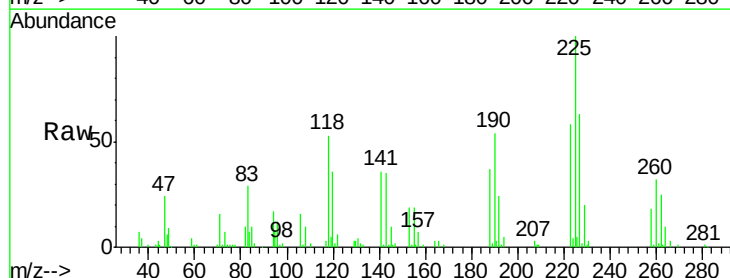
Manual Integrations
 APPROVED

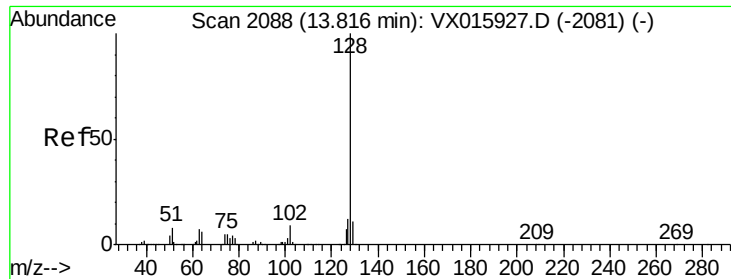
MMDadoda
 4/27/2020 12:40:20 PM



#94
 Hexachlorobutadiene
 Concen: 19.212 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.1	30.6	91.6
227	64.9	32.0	96.2





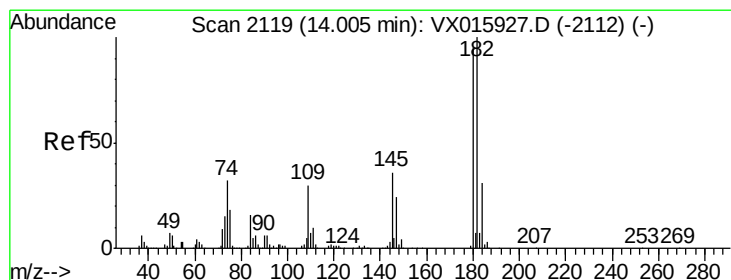
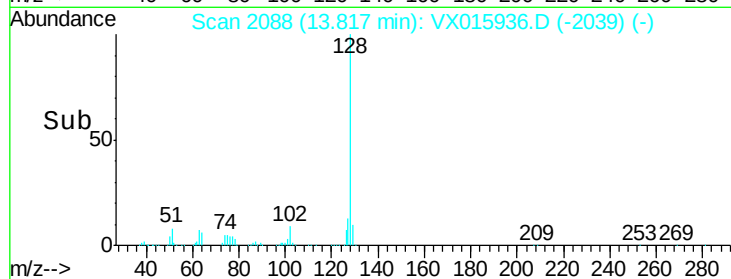
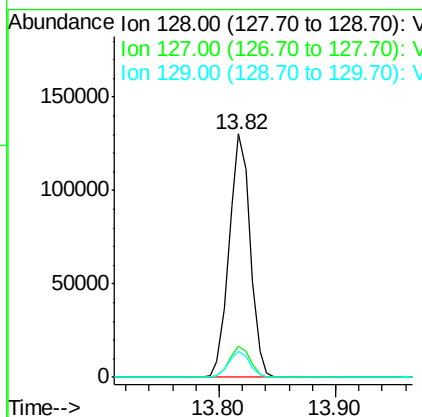
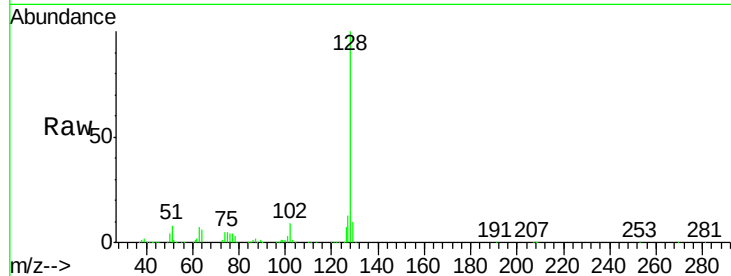
#95
Naphthalene
Concen: 19.539 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	164175		
127	12.7	10.1	15.1	
129	10.7	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.671 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	42998		
182	91.2	50.1	150.3	
145	36.5	18.9	56.9	

