

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072024\
 Data File : VX042416.D
 Acq On : 19 Jul 2024 20:48
 Operator : JC/MD
 Sample : P3238-19ME
 Misc : 4.88g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 20 01:58:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 01:45:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

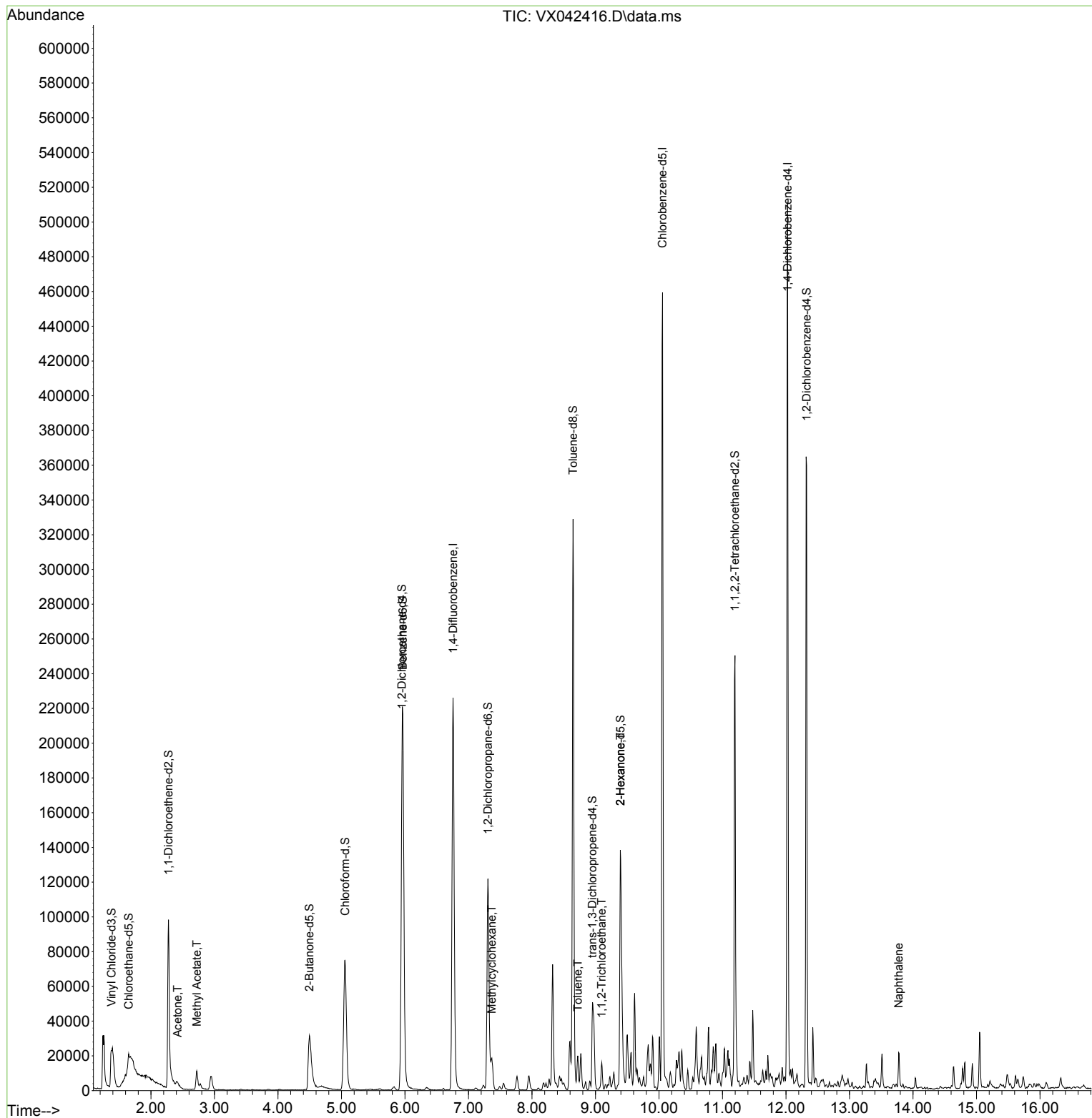
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	249407	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	231352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	119144	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.380	65	20676	14.243	ug/L	0.01
Spiked Amount	50.000	Range	60 - 135	Recovery	=	28.480%#
7) Chloroethane-d5	1.648	69	9853	10.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	21.560%#
11) 1,1-Dichloroethene-d2	2.276	65	20754	32.665	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.340%
21) 2-Butanone-d5	4.495	46	70559	67.446	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.450%
24) Chloroform-d	5.056	84	99528	34.098	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.200%#
26) 1,2-Dichloroethane-d4	5.952	65	63264	36.721	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.440%
32) Benzene-d6	5.964	84	222817	37.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.520%
36) 1,2-Dichloropropane-d6	7.306	67	66385	36.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.780%
41) Toluene-d8	8.647	98	205321	36.845	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.680%#
43) trans-1,3-Dichloroprop...	8.952	79	24300	31.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.480%
47) 2-Hexanone-d5	9.391	63	58365	71.449	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.450%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	93667	35.206	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.420%
66) 1,2-Dichlorobenzene-d4	12.323	152	86420	37.344	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.680%#
Target Compounds						
					Qvalue	
13) Acetone	2.416	43	1991	2.790	ug/L	58
15) Methyl Acetate	2.721	43	16170	8.917	ug/L	97
35) Methylcyclohexane	7.367	83	6876	2.676	ug/L #	80
42) Toluene	8.720	91	13792	1.998	ug/L	97
45) 1,1,2-Trichloroethane	9.098	97	5295	2.981	ug/L #	21
48) 2-Hexanone	9.391	43	12577	6.764	ug/L #	42
71) Naphthalene	13.774	128	14003	1.832	ug/L	99

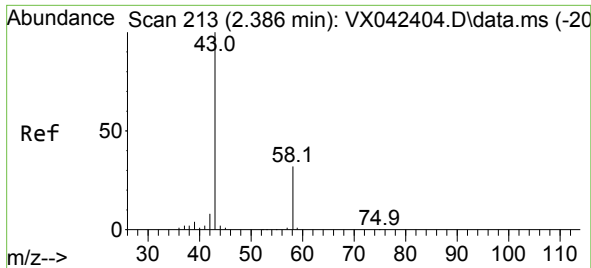
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 20 01:58:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 01:45:50 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.790 ug/L

RT: 2.416 min Scan# 213

Delta R.T. 0.031 min

Lab File: VX042416.D

Acq: 19 Jul 2024 20:48

Instrument :

MSVOA_X

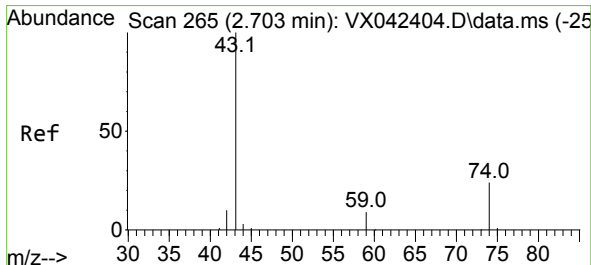
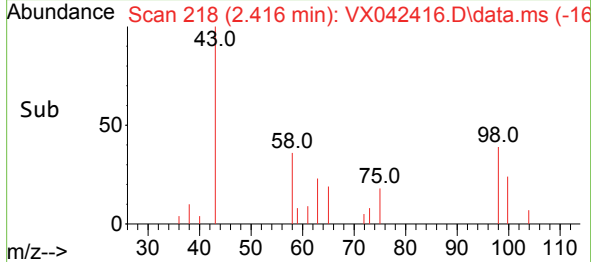
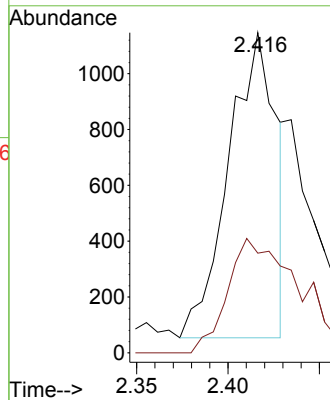
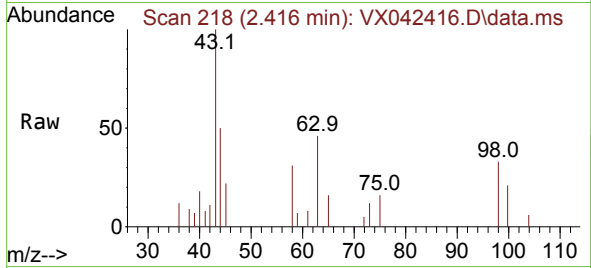
ClientSampleId :

Tgt Ion: 43 Resp: 1991

Ion Ratio Lower Upper

43 100

58 54.7 0.0 62.6



#15

Methyl Acetate

Concen: 8.917 ug/L

RT: 2.721 min Scan# 268

Delta R.T. 0.018 min

Lab File: VX042416.D

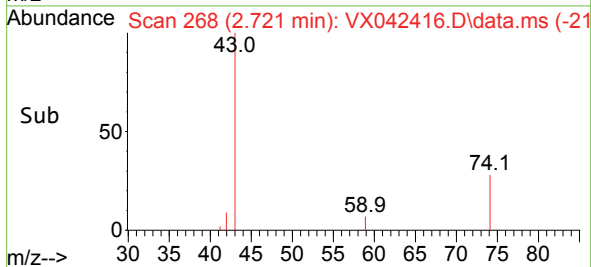
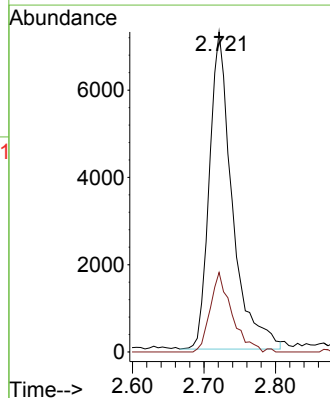
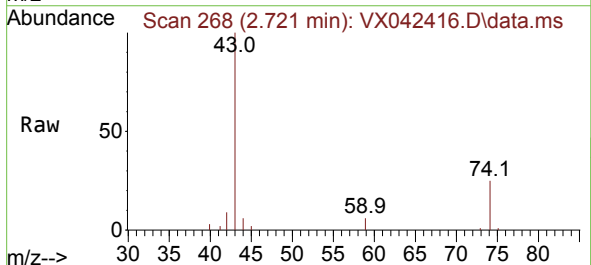
Acq: 19 Jul 2024 20:48

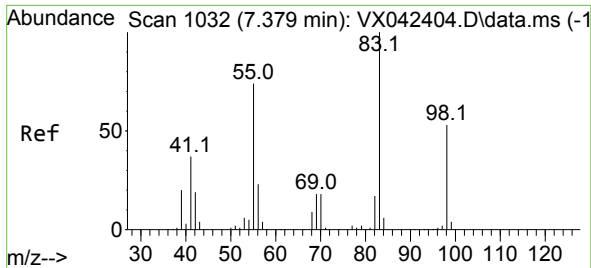
Tgt Ion: 43 Resp: 16170

Ion Ratio Lower Upper

43 100

74 23.6 20.1 30.1

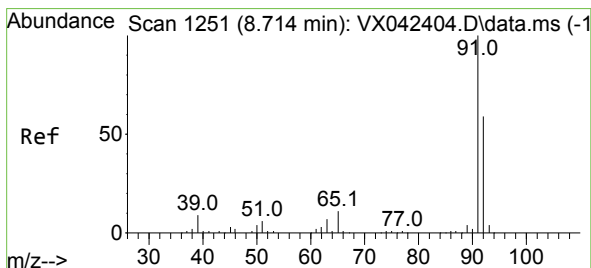
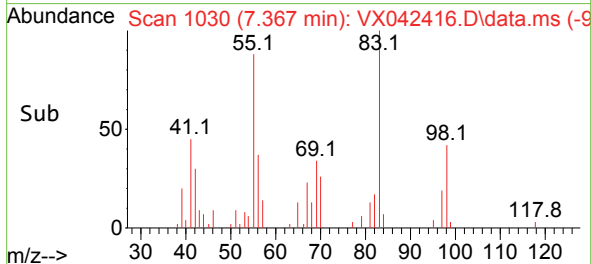
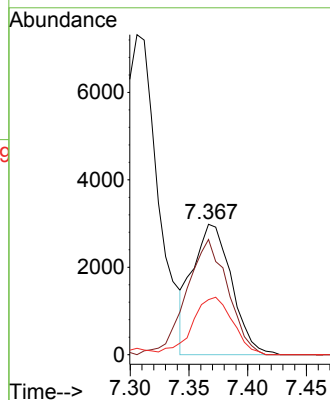
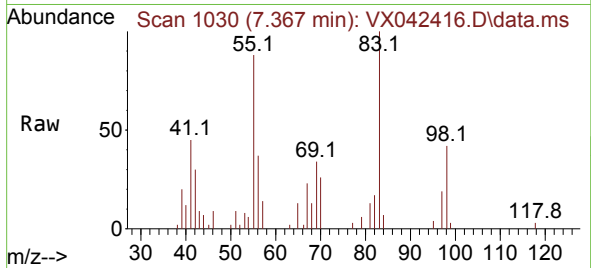




#35
Methylcyclohexane
Concen: 2.676 ug/L
RT: 7.367 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VX042416.D
Acq: 19 Jul 2024 20:48

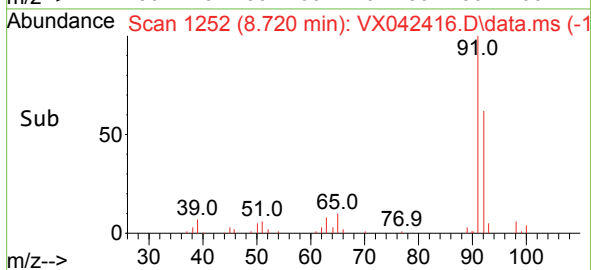
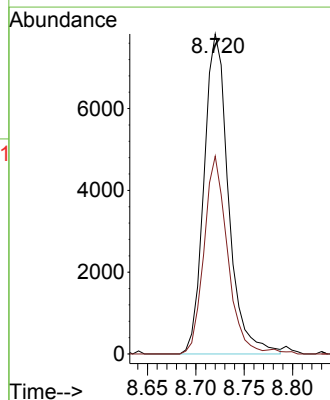
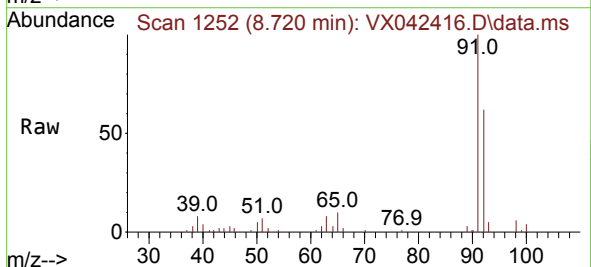
Instrument :
MSVOA_X
ClientSampleId :

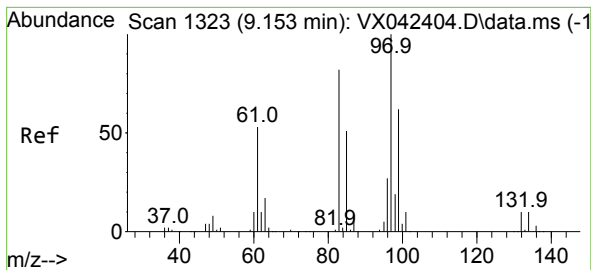
Tgt Ion: 83 Resp: 6876
Ion Ratio Lower Upper
83 100
55 93.9 56.4 84.6#
98 45.6 40.4 60.6



#42
Toluene
Concen: 1.998 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX042416.D
Acq: 19 Jul 2024 20:48

Tgt Ion: 91 Resp: 13792
Ion Ratio Lower Upper
91 100
92 61.8 41.6 77.3





#45

1,1,2-Trichloroethane

Concen: 2.981 ug/L

RT: 9.098 min Scan# 11

Delta R.T. -0.055 min

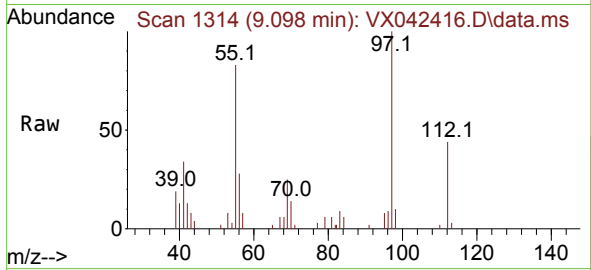
Lab File: VX042416.D

Acq: 19 Jul 2024 20:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 97 Resp: 5295

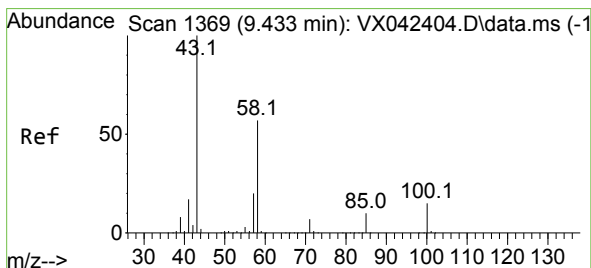
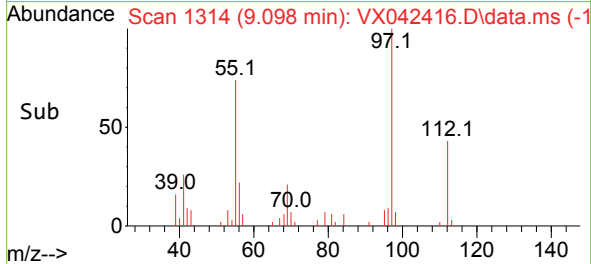
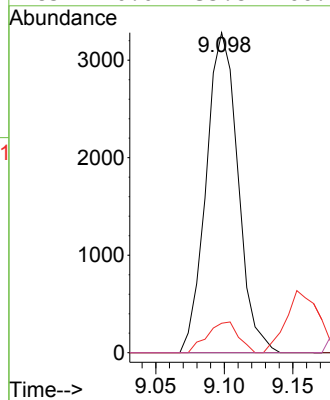
Ion Ratio Lower Upper

97 100

99 0.0 43.3 80.3#

83 9.2 56.2 104.4#

85 0.0 35.8 66.4#



#48

2-Hexanone

Concen: 6.764 ug/L

RT: 9.391 min Scan# 1362

Delta R.T. -0.043 min

Lab File: VX042416.D

Acq: 19 Jul 2024 20:48

Tgt Ion: 43 Resp: 12577

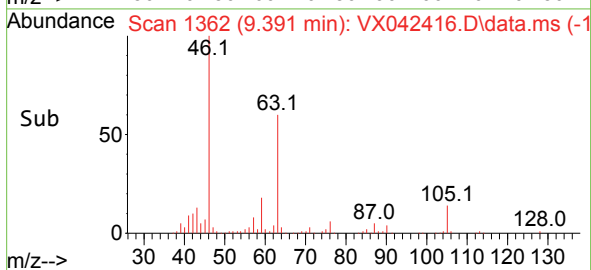
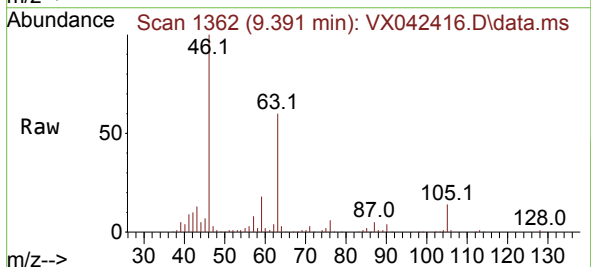
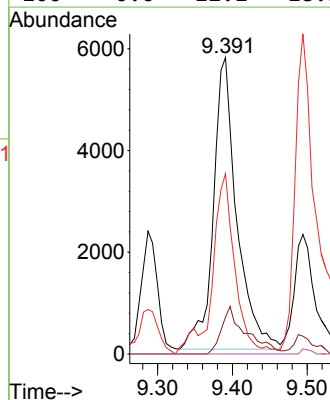
Ion Ratio Lower Upper

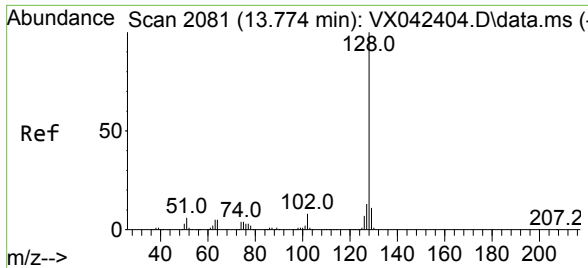
43 100

58 11.5 46.4 69.6#

57 47.8 16.3 24.5#

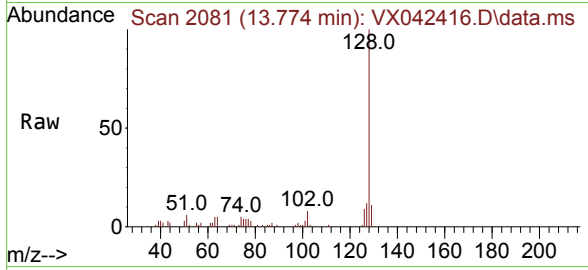
100 0.0 12.1 18.1#





#71
 Naphthalene
 Concen: 1.832 ug/L
 RT: 13.774 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VX042416.D
 Acq: 19 Jul 2024 20:48

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	128	Resp:	14003
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.8	8.9	13.3

