

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071718\
 Data File : VR025490.D
 Acq On : 17 Jul 2018 13:34
 Operator : SY/MD
 Sample : VIBLK85
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VIBLK85

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.621	40	48	54	rBV	4833597	14761357	100.00%	39.439%
2	2.637	203	215	223	rBV	64674	175027	1.19%	0.468%
3	3.635	366	379	391	rBV2	150733	526604	3.57%	1.407%
4	6.597	855	866	877	rBV	184869	566043	3.83%	1.512%
5	7.206	956	966	979	rBV	403318	1054004	7.14%	2.816%
6	7.857	1063	1073	1093	rBV3	850136	2389321	16.19%	6.384%
7	8.094	1101	1112	1124	rBV3	121328	423766	2.87%	1.132%
8	8.459	1164	1172	1184	rBV	1077109	2136832	14.48%	5.709%
9	8.897	1235	1244	1252	rBV	552136	1118425	7.58%	2.988%
10	9.402	1318	1327	1339	rBV	157421	364214	2.47%	0.973%
11	9.542	1343	1350	1359	rVV3	144871	352056	2.38%	0.941%
12	9.682	1366	1373	1378	rBV	268605	448790	3.04%	1.199%
13	9.901	1403	1409	1414	rBV	135047	250497	1.70%	0.669%
14	9.968	1414	1420	1428	rVV	1280941	2166806	14.68%	5.789%
15	10.235	1459	1464	1470	rBV	145212	216619	1.47%	0.579%
16	10.588	1517	1522	1532	rBV	866658	1421843	9.63%	3.799%
17	11.288	1631	1637	1646	rVB	1471200	2322637	15.73%	6.206%
18	12.365	1809	1814	1820	rBV	263399	430636	2.92%	1.151%
19	13.222	1950	1955	1964	rVB	1245399	1797824	12.18%	4.803%
20	13.514	1998	2003	2013	rVB	848495	1290223	8.74%	3.447%
21	14.524	2165	2169	2176	rBV3	134663	255802	1.73%	0.683%
22	14.993	2242	2246	2249	rBV2	137209	196028	1.33%	0.524%
23	15.054	2251	2256	2269	rVB6	119747	338559	2.29%	0.905%
24	15.887	2388	2393	2399	rBV	239869	377060	2.55%	1.007%
25	16.185	2437	2442	2446	rBV6	75015	153098	1.04%	0.409%
26	16.580	2499	2507	2509	rBV5	79880	200208	1.36%	0.535%
27	16.720	2520	2530	2537	rBV2	865833	1694143	11.48%	4.526%

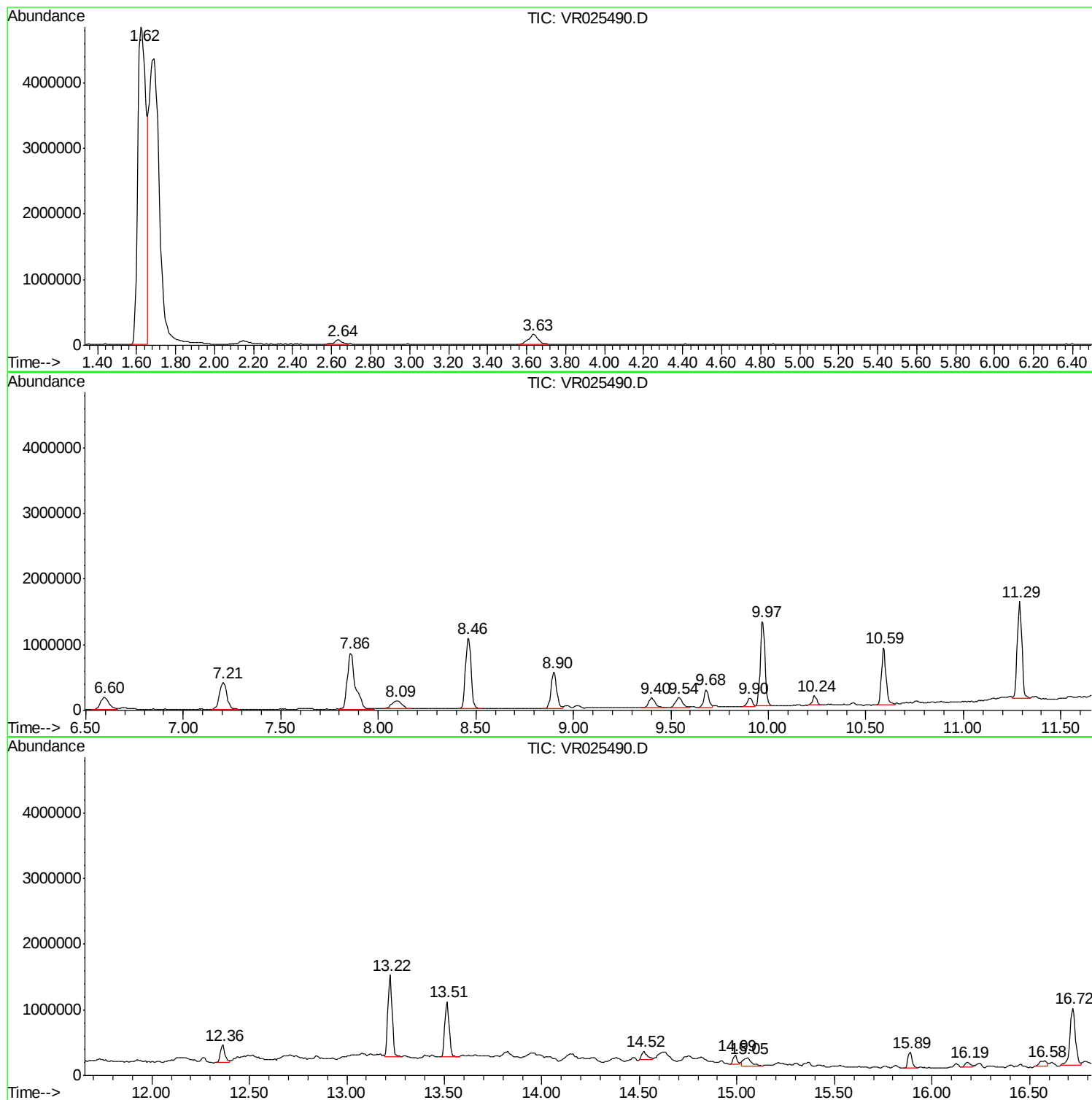
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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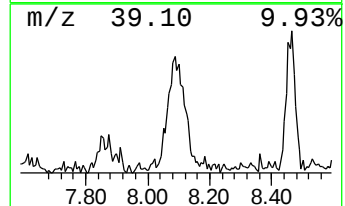
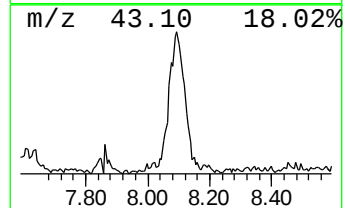
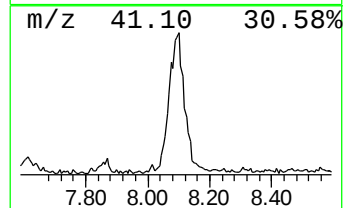
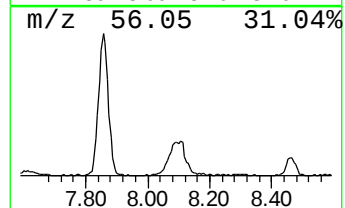
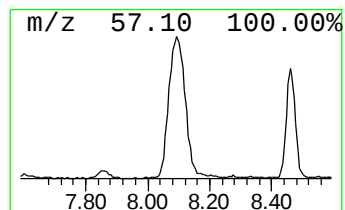
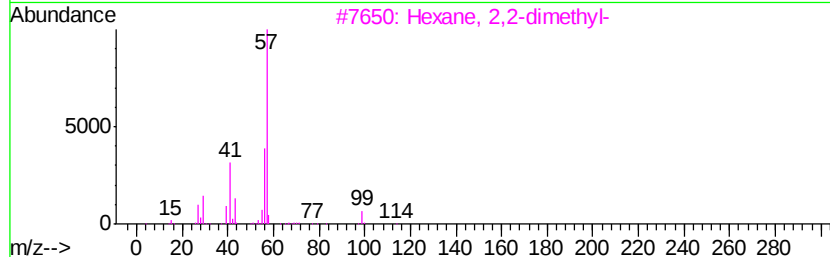
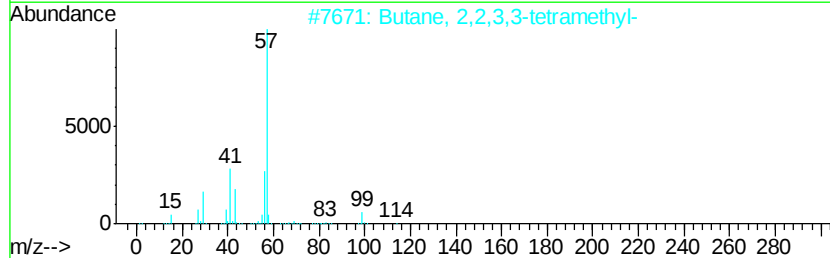
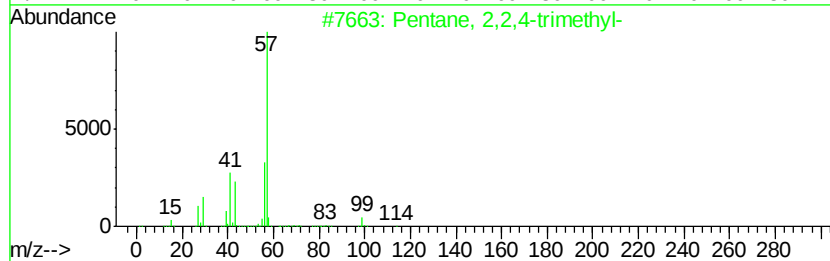
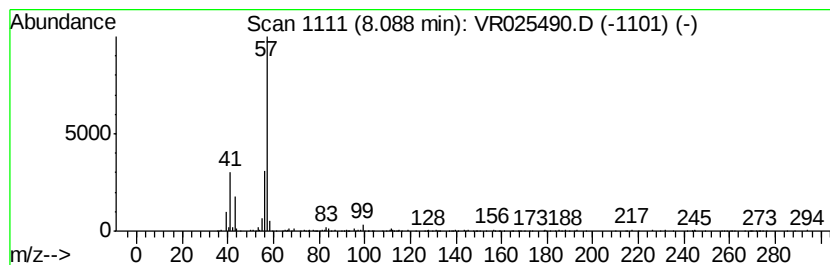
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	0.99 ug/L	423766	1,4-Difluorobenzene	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	53
2		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	53
3		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	53
4		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	53
5		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	50



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ClientSampleId :
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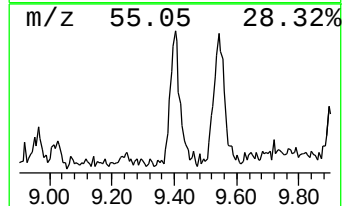
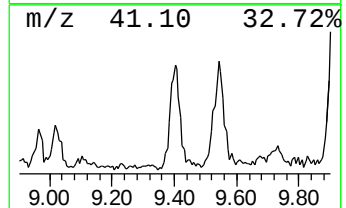
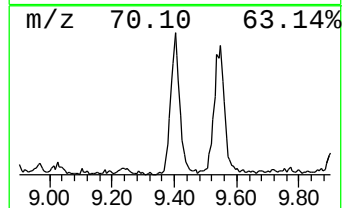
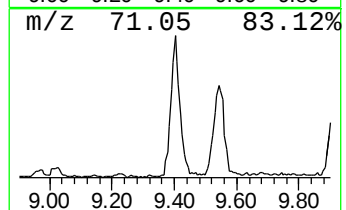
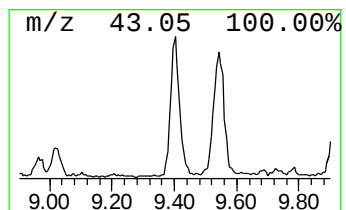
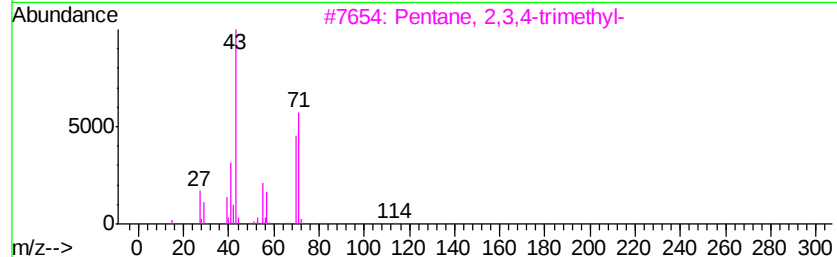
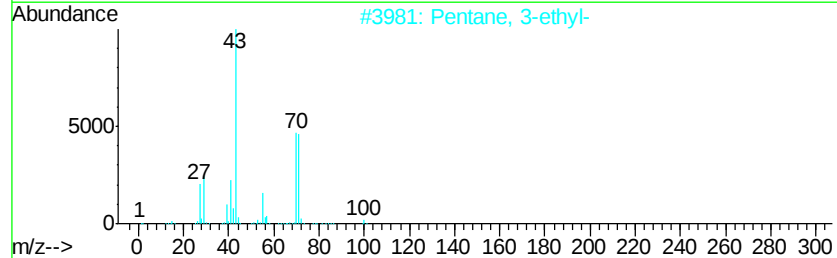
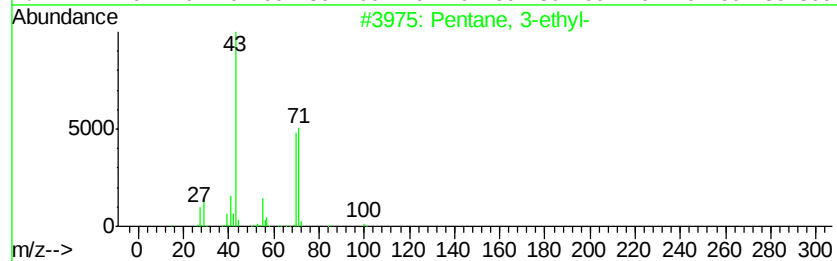
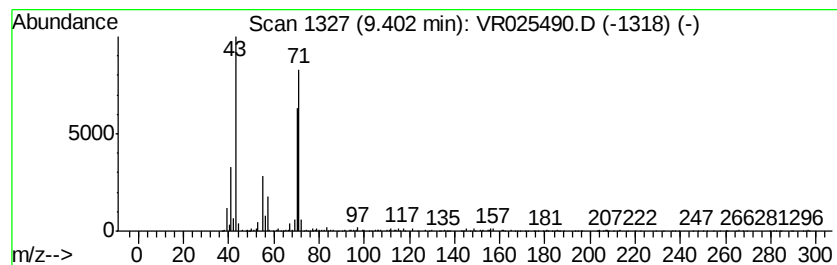
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	0.85 ug/L	364214	1,4-Difluorobenzene	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	86
2		Pentane, 3-ethyl-	100	C7H16	000617-78-7	86
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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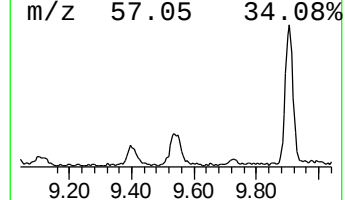
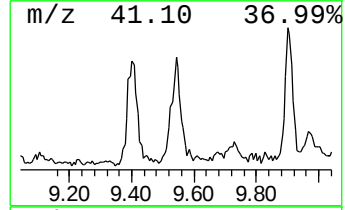
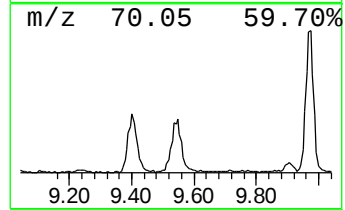
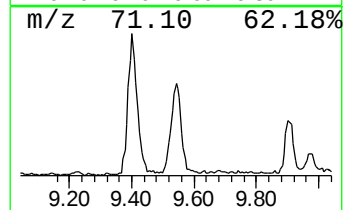
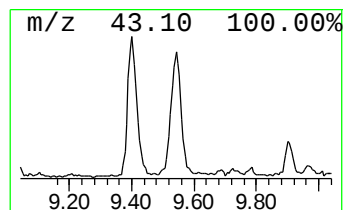
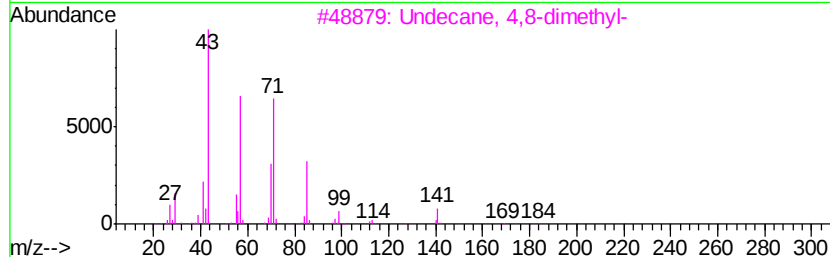
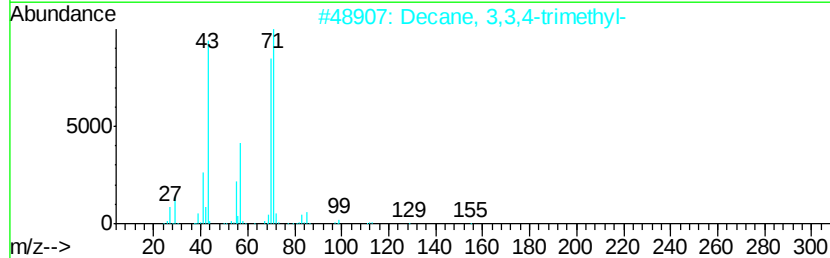
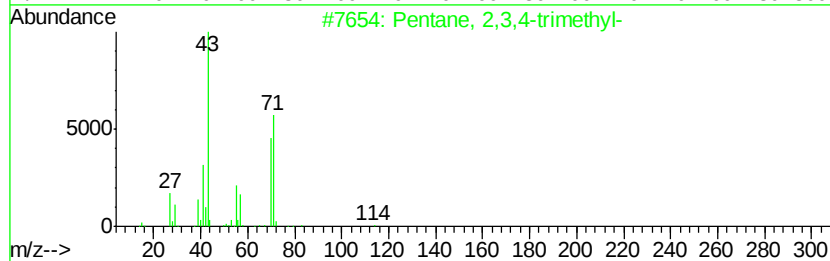
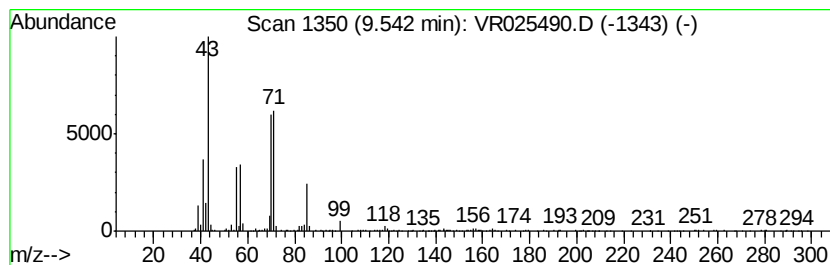
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	0.82 ug/L	352056	1,4-Difluorobenzene	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
2		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
4		Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	53
5		Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	53



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Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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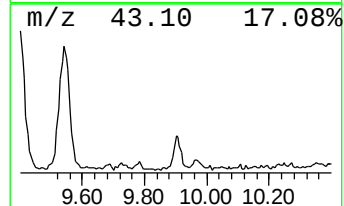
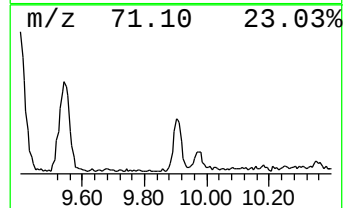
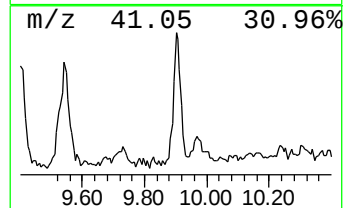
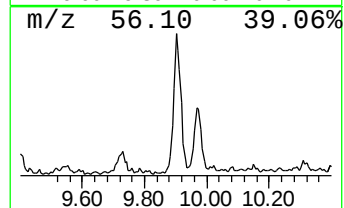
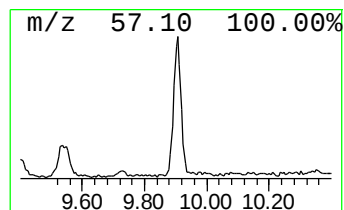
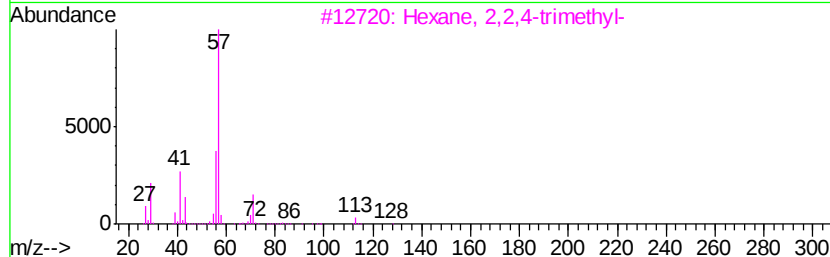
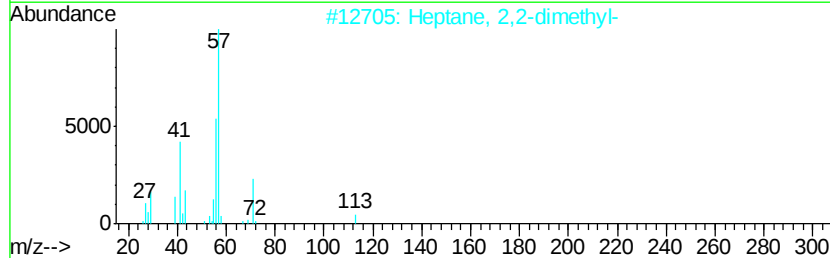
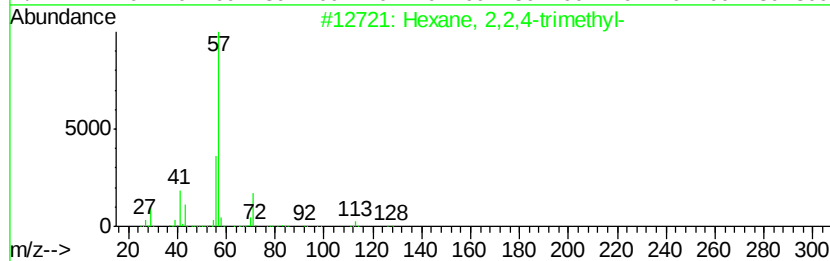
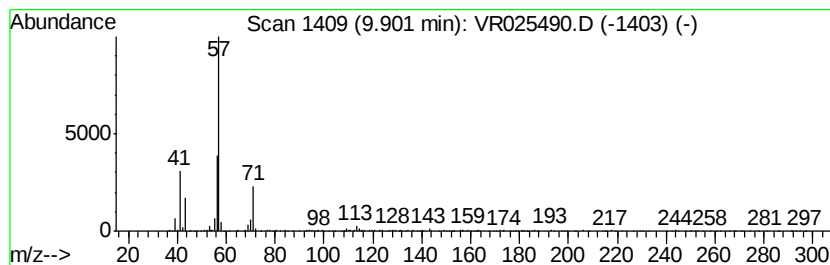
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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	0.54 ug/L	250497	Chlorobenzene-d5	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
2		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
3		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
4		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50



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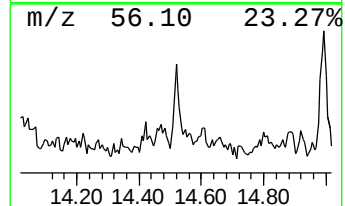
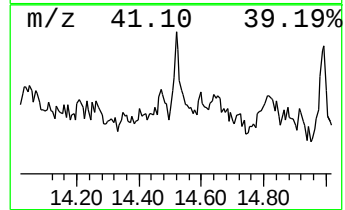
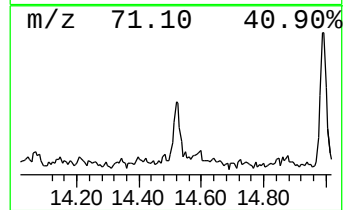
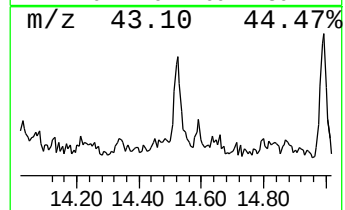
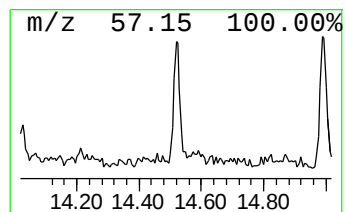
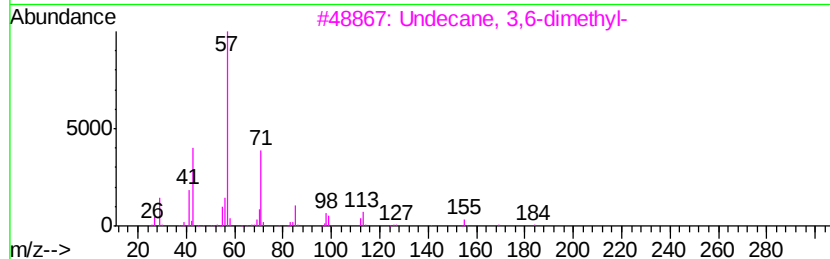
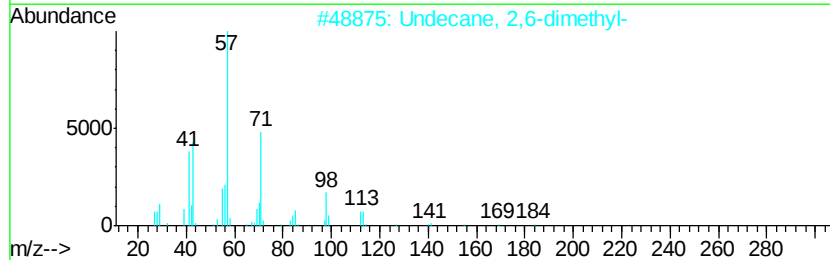
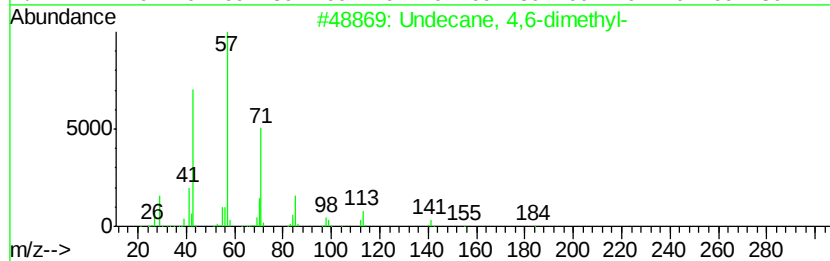
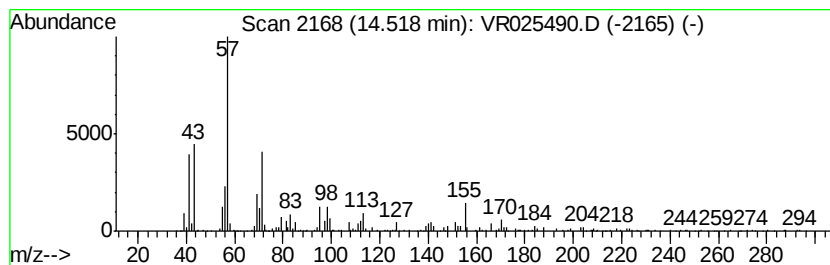
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	0.71 ug/L	255802	1,4-Dichlorobenzene-d4	13.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	60
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	58
4		Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	58
5		Dodecane, 6-methyl-	184	C13H28	006044-71-9	47



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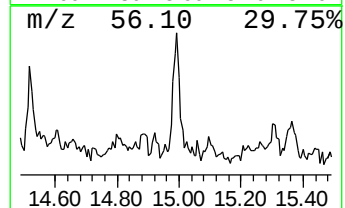
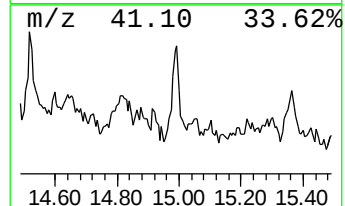
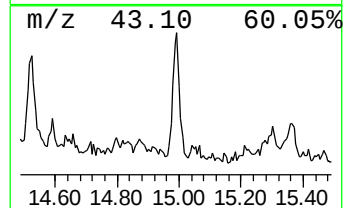
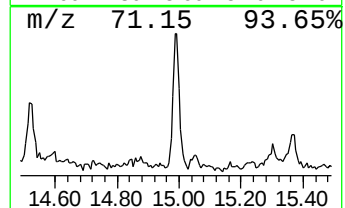
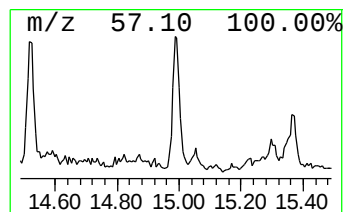
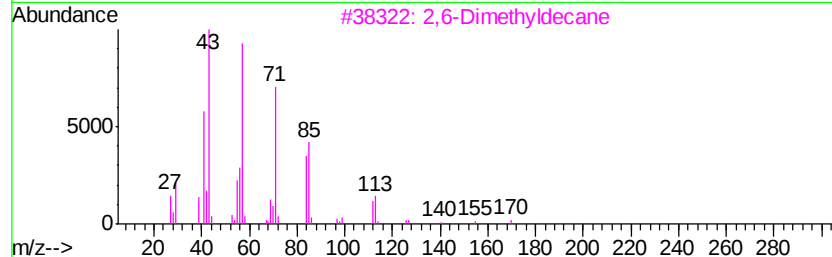
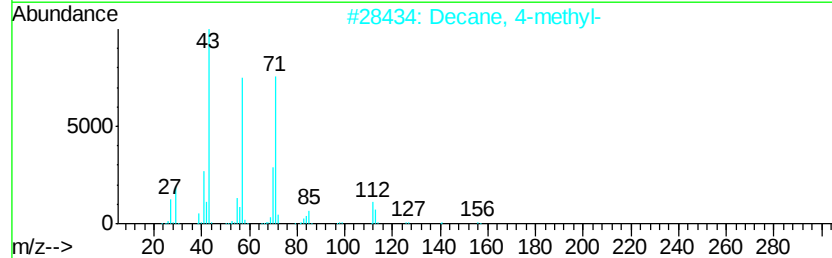
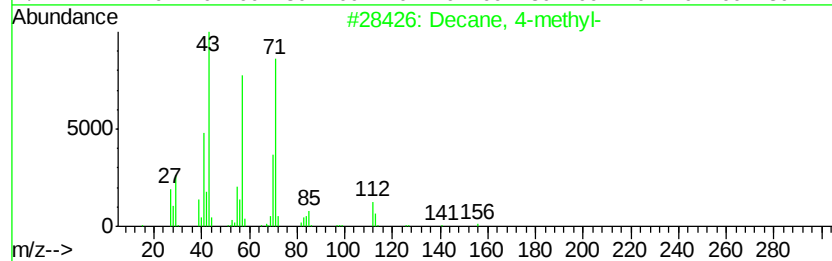
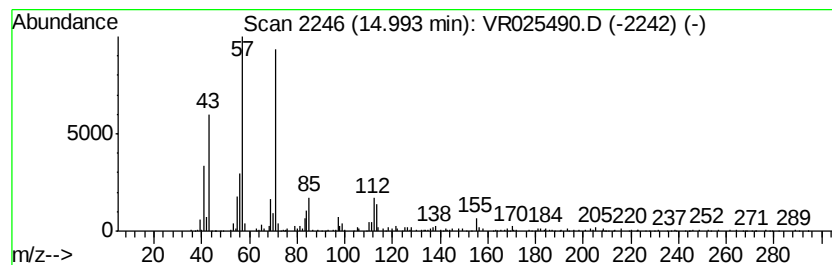
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	0.55 ug/L	196028	1,4-Dichlorobenzene-d4	13.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	86
2		Decane, 4-methyl-	156	C11H24	002847-72-5	86
3		2,6-Dimethyldecane	170	C12H26	013150-81-7	81
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR071718\
Data File : VR025490.D
Acq On : 17 Jul 2018 13:34
Operator : SY/MD
Sample : VIBLK85
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

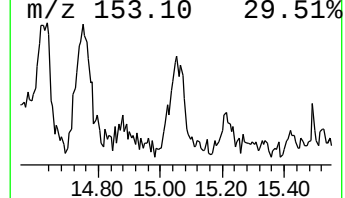
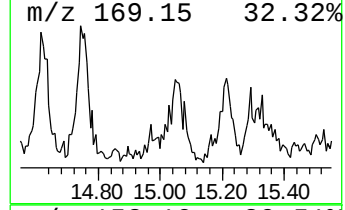
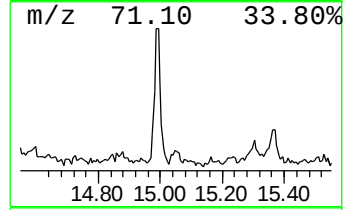
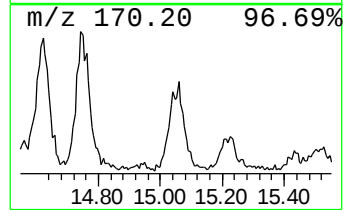
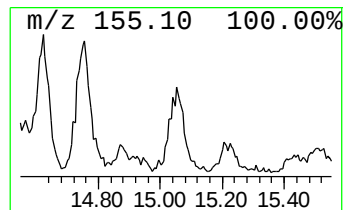
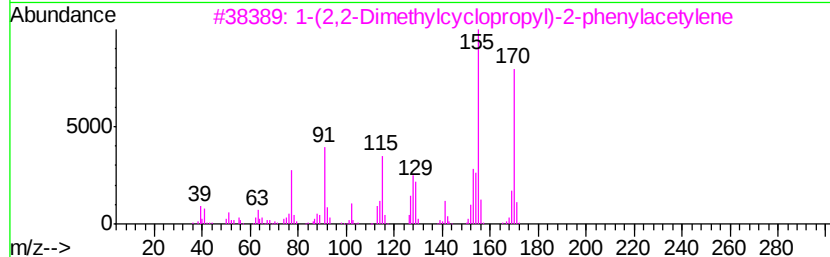
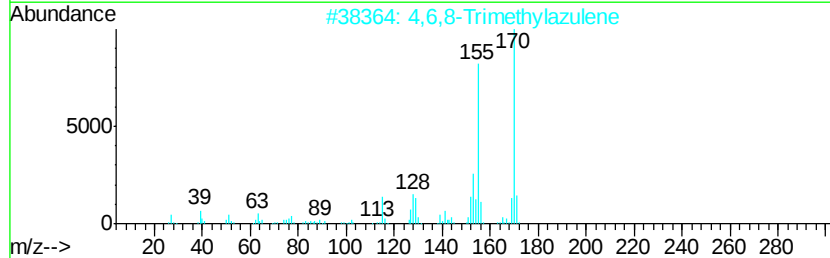
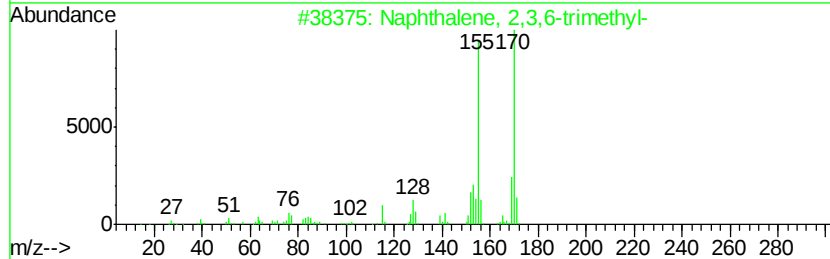
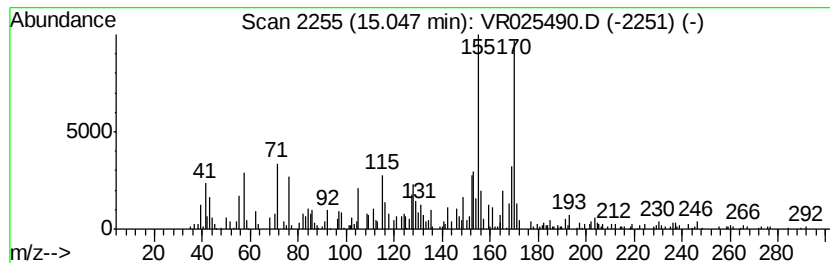
Instrument :
MSVOA_R
ClientSampleId :
VIBLK85

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.05	0.94 ug/L	338559	1,4-Dichlorobenzene-d4	13.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76
3	1-(2,2-Dimethylcvclopropyl)-2-ph...	170	C13H14	1000294-91-1	76
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR071718\
Data File : VR025490.D
Acq On : 17 Jul 2018 13:34
Operator : SY/MD
Sample : VIBLK85
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VIBLK85

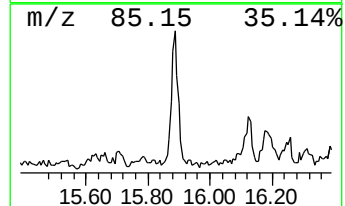
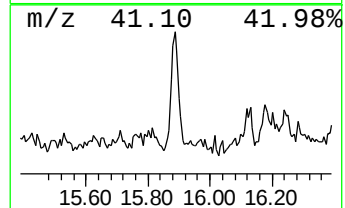
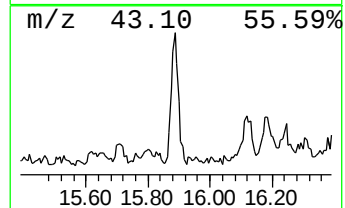
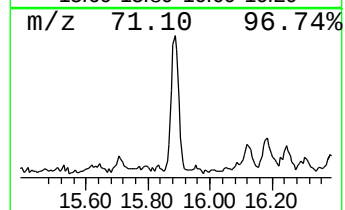
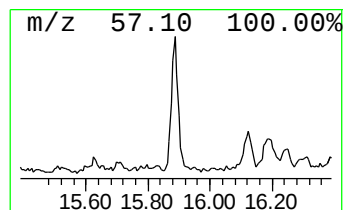
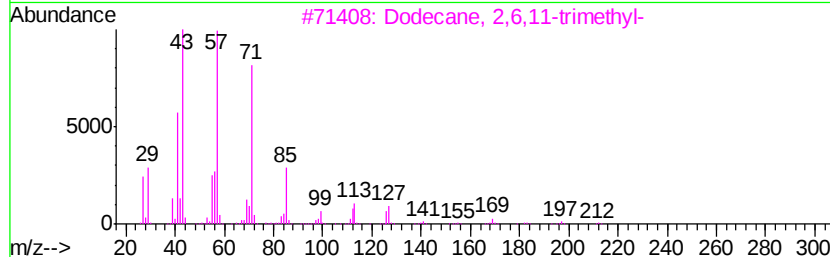
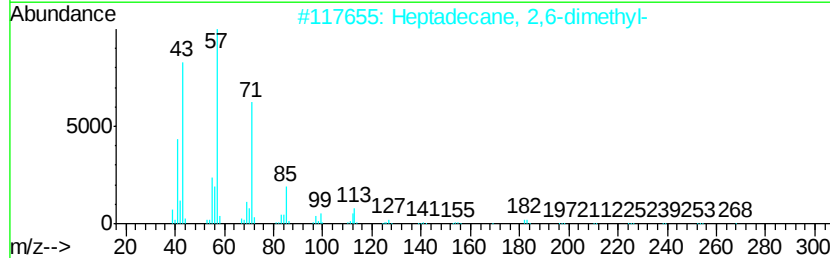
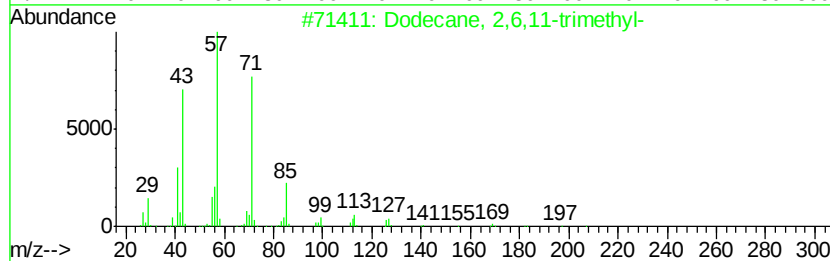
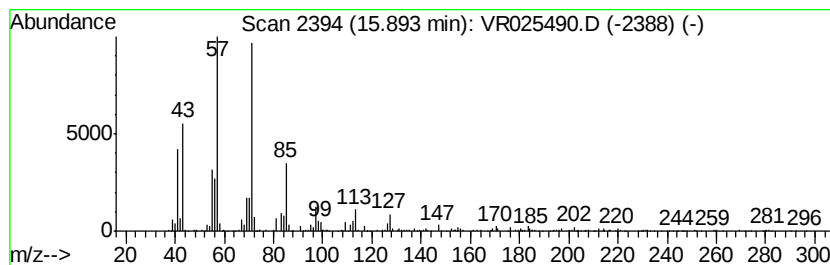
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	1.05 ug/L	377060	1,4-Dichlorobenzene-d4	13.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR071718\
Data File : VR025490.D
Acq On : 17 Jul 2018 13:34
Operator : SY/MD
Sample : VIBLK85
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VIBLK85

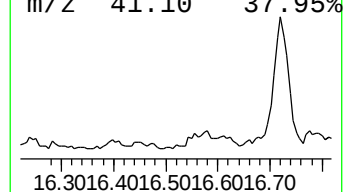
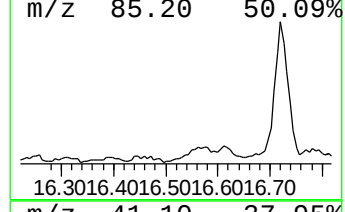
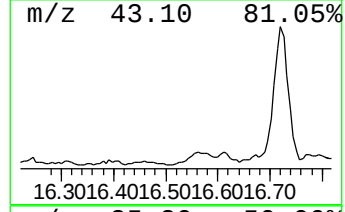
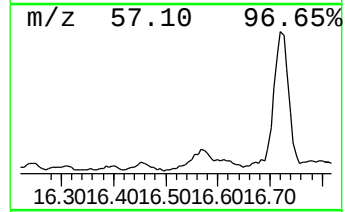
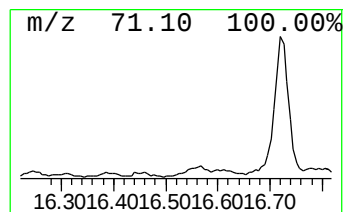
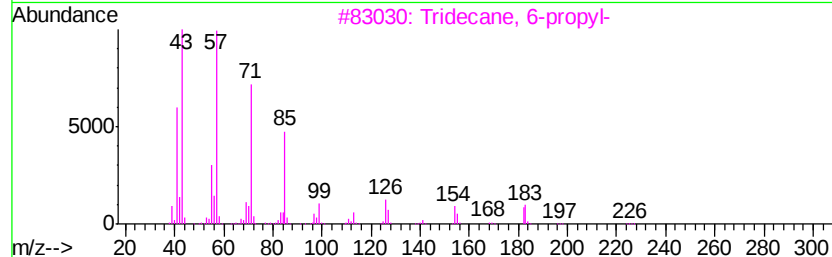
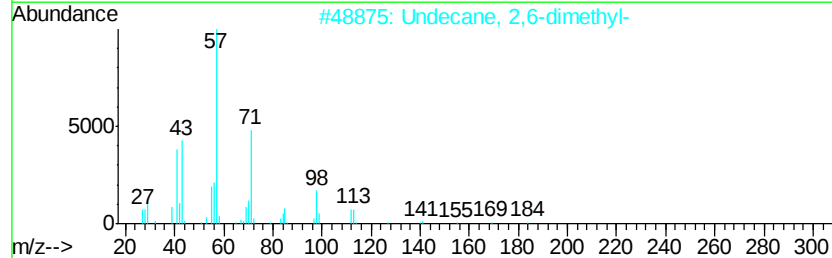
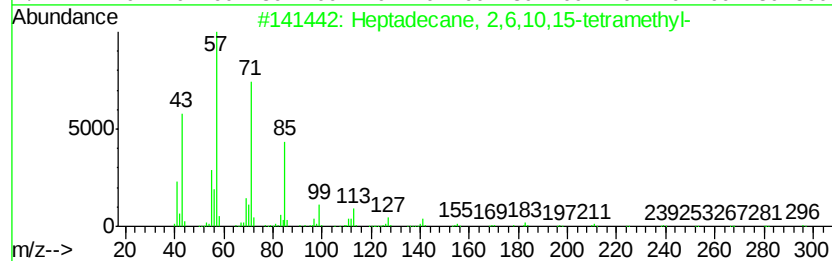
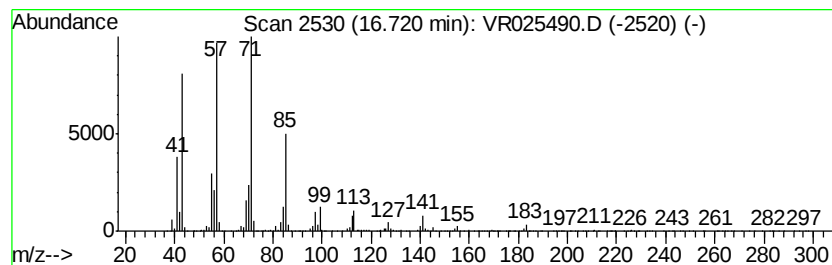
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	4.71 ug/L	1694140	1,4-Dichlorobenzene-d4	13.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	80
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	74
4		Hexadecane	226	C16H34	000544-76-3	74
5		Nonadecane	268	C19H40	000629-92-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_R\DATA\VR071718\
Data File : VR025490.D
Acq On : 17 Jul 2018 13:34
Operator : SY/MD
Sample : VIBLK85
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VIBLK85

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	8.09	1.0	ug/L	423766	1	8.46	2136830	5.0
(DEL) Alkane: Str...	9.40	0.8	ug/L	364214	1	8.46	2136830	5.0
(DEL) Alkane: Str...	9.54	0.8	ug/L	352056	1	8.46	2136830	5.0
(DEL) Alkane: Str...	9.90	0.5	ug/L	250497	2	11.29	2322640	5.0
(DEL) Alkane: Str...	14.52	0.7	ug/L	255802	3	13.22	1797820	5.0
(DEL) Alkane: Str...	14.99	0.6	ug/L	196028	3	13.22	1797820	5.0
Naphthalene, 2,3,...	15.05	0.9	ug/L	338559	3	13.22	1797820	5.0
(DEL) Alkane: Str...	15.89	1.1	ug/L	377060	3	13.22	1797820	5.0
(DEL) Alkane: Str...	16.72	4.7	ug/L	1694140	3	13.22	1797820	5.0