

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064326.D
 Acq On : 21 Nov 2019 15:59
 Operator : VA/SY
 Sample : K5676-26
 Misc : 8.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-112019

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_D\METHOD\82D110819S.M

Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.920	1010	1020	1025	rBV	399094	970181	3.92%	1.982%
2	7.979	1025	1030	1047	rVB	719111	1641907	6.63%	3.355%
3	8.338	1080	1091	1102	rBV	374959	853963	3.45%	1.745%
4	8.867	1171	1181	1194	rBV	996967	1990261	8.04%	4.067%
5	10.344	1424	1432	1436	rBV	1472305	2640071	10.66%	5.395%
6	10.408	1436	1443	1461	rVB	13878651	24769518	100.00%	50.613%
7	11.649	1647	1654	1663	rBV	1340579	2328284	9.40%	4.757%
8	11.855	1680	1689	1699	rBV2	223676	459068	1.85%	0.938%
9	12.185	1732	1745	1752	rBV	147497	301422	1.22%	0.616%
10	12.638	1816	1822	1833	rVB	1118204	1884934	7.61%	3.852%
11	12.891	1859	1865	1868	rBV	209051	350628	1.42%	0.716%
12	12.961	1873	1877	1883	rVB3	258291	465659	1.88%	0.952%
13	13.279	1922	1931	1936	rBV	397905	667515	2.69%	1.364%
14	13.585	1976	1983	1993	rVB2	1414818	2540386	10.26%	5.191%
15	13.785	2012	2017	2020	rBV2	201642	310578	1.25%	0.635%
16	13.908	2032	2038	2043	rBV	302085	486010	1.96%	0.993%
17	14.238	2089	2094	2100	rBV	144449	250655	1.01%	0.512%
18	14.761	2179	2183	2190	rVB3	326877	493276	1.99%	1.008%
19	14.843	2190	2197	2201	rBV4	294670	680834	2.75%	1.391%
20	14.890	2201	2205	2213	rVB4	119731	259830	1.05%	0.531%
21	14.996	2217	2223	2230	rVB2	239052	421436	1.70%	0.861%
22	15.226	2254	2262	2270	rBV3	96865	254353	1.03%	0.520%
23	15.414	2290	2294	2300	rVB	169716	296452	1.20%	0.606%
24	15.608	2323	2327	2337	rVB	324121	592095	2.39%	1.210%
25	15.714	2337	2345	2353	rBV5	118780	335776	1.36%	0.686%
26	15.920	2376	2380	2391	rVB	232036	455339	1.84%	0.930%
27	16.243	2425	2435	2440	rBV5	140248	377929	1.53%	0.772%
28	16.443	2463	2469	2475	rBV2	135084	285768	1.15%	0.584%
29	16.508	2475	2480	2486	rVV	260066	547321	2.21%	1.118%
30	16.573	2486	2491	2497	rVB	209511	369318	1.49%	0.755%
31	16.720	2508	2516	2524	rBV	253445	658529	2.66%	1.346%

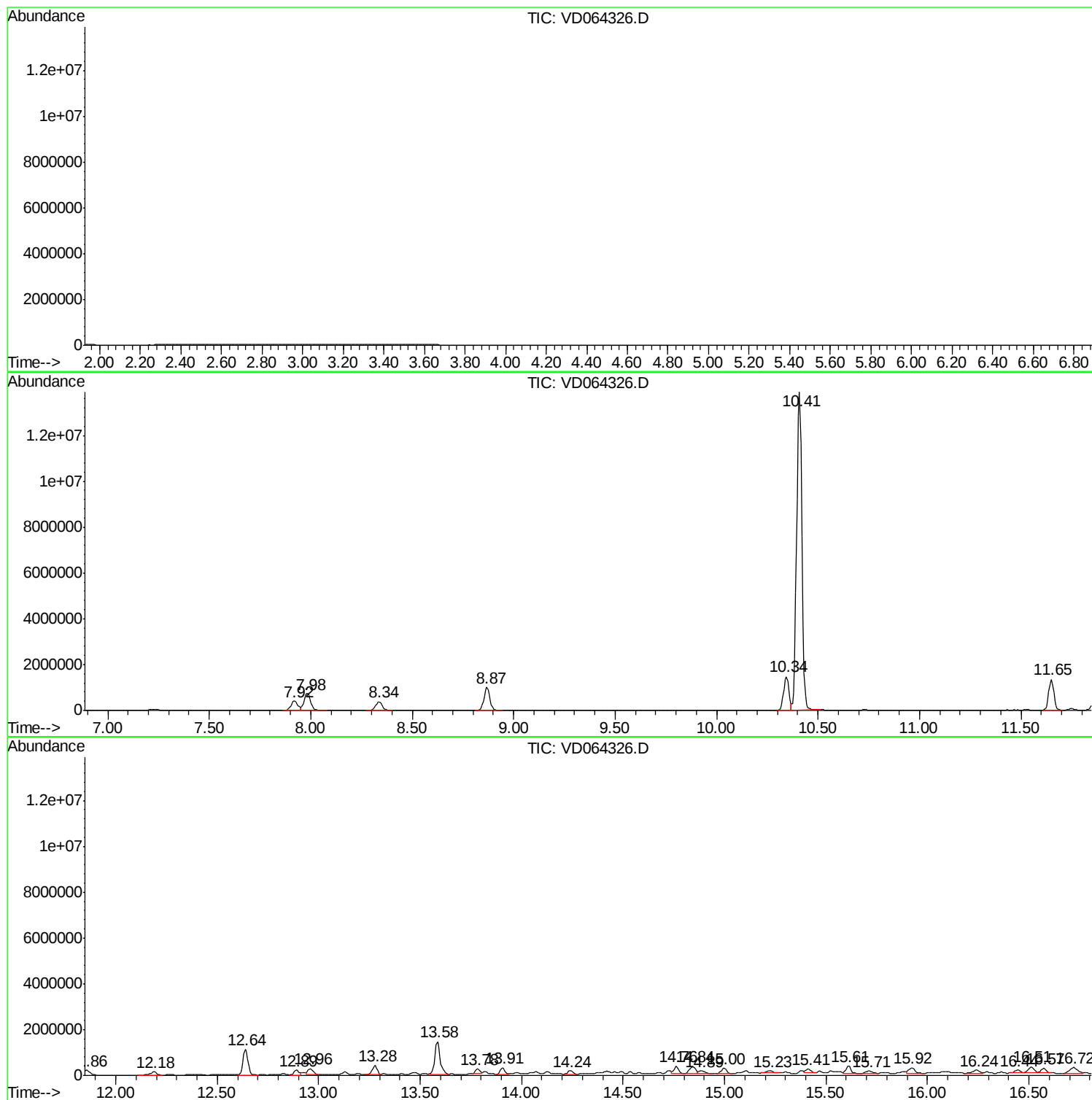
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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



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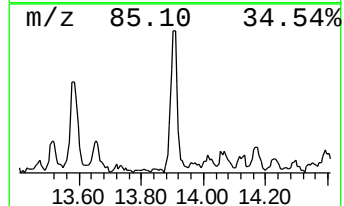
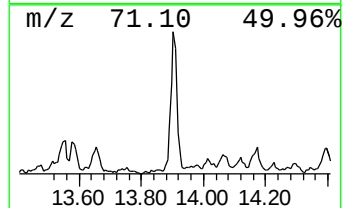
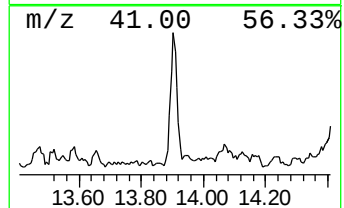
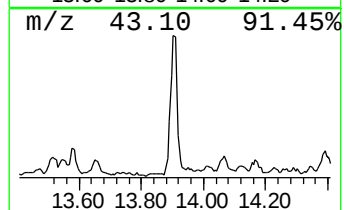
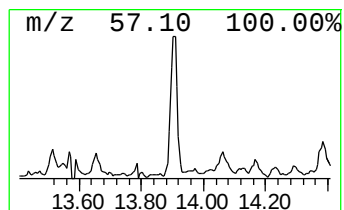
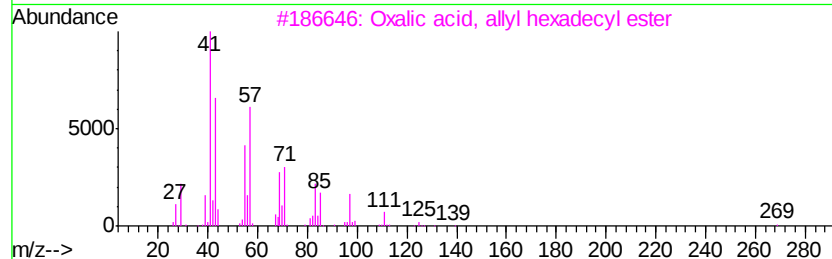
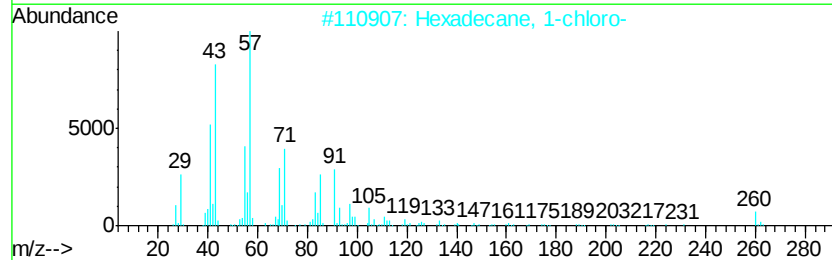
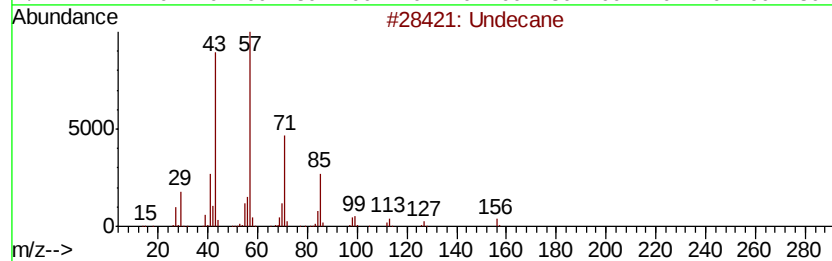
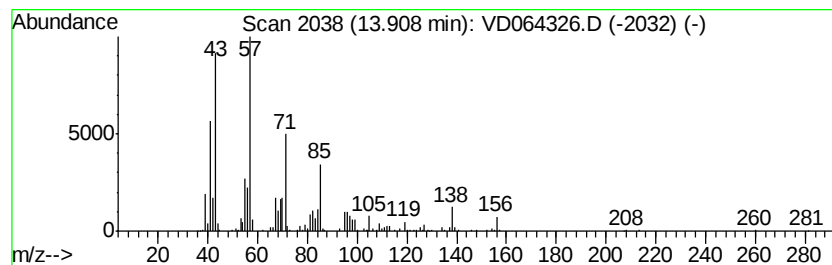
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 ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260

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

 Peak Number 1 Undecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.91	9.57 ug/l	486010	1,4-Dichlorobenzene-d4	13.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	76
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	64
3	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	59
4	Decane	142	C10H22	000124-18-5	58
5	Tridecane	184	C13H28	000629-50-5	47



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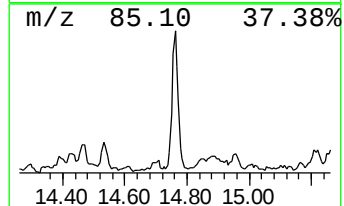
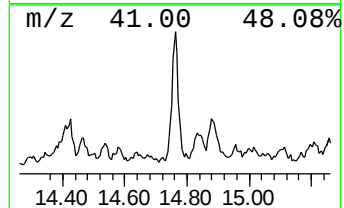
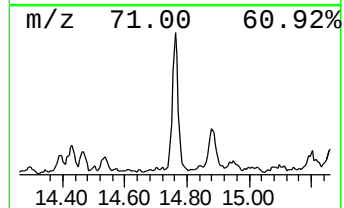
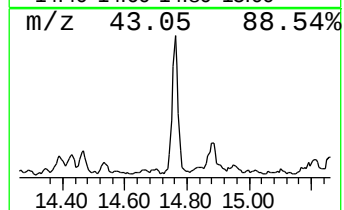
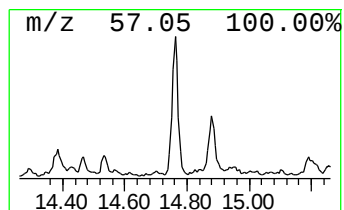
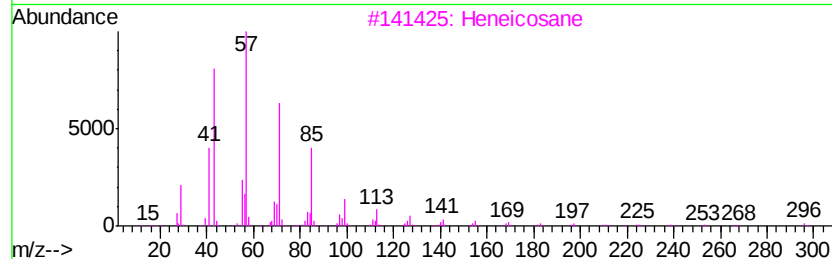
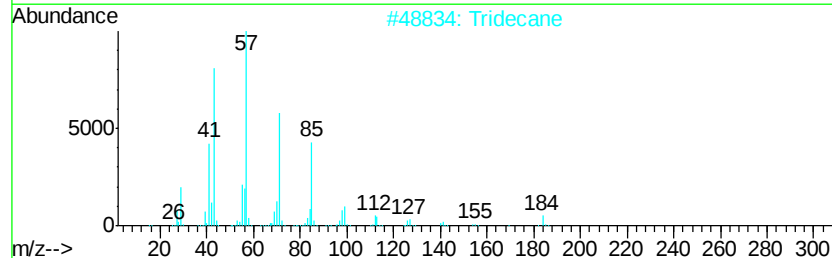
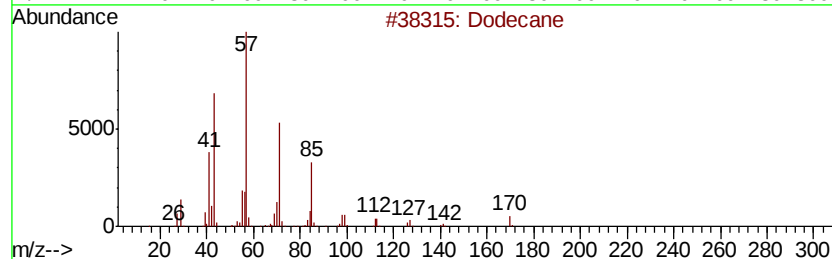
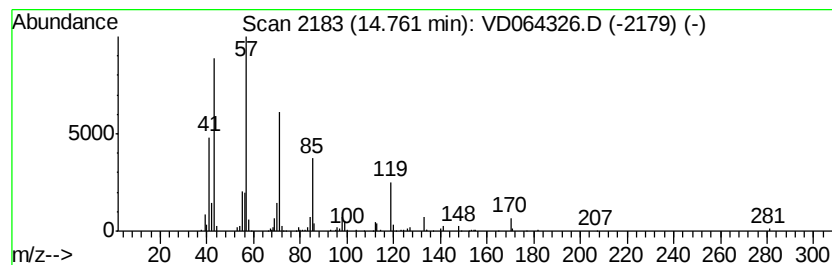
Instrument :
MSVOA_D
ClientSampleId :
SU-03-112019

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Quant Title : SW846 8260

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

Peak Number 2 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.76	9.71 ug/l	493276	1,4-Dichlorobenzene-d4	13.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	89
2	Tridecane	184	C13H28	000629-50-5	58
3	Heneicosane	296	C21H44	000629-94-7	53
4	Hexadecane	226	C16H34	000544-76-3	52
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	50



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ALS Vial : 7 Sample Multiplier: 1

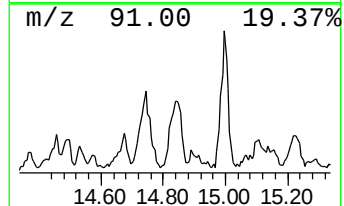
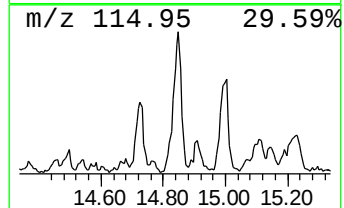
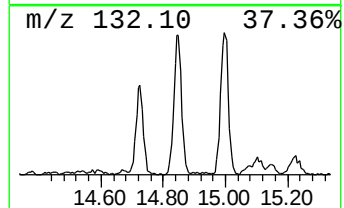
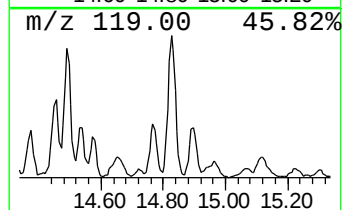
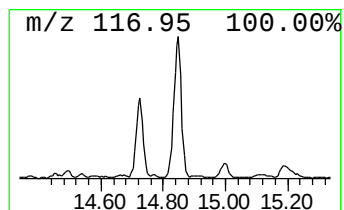
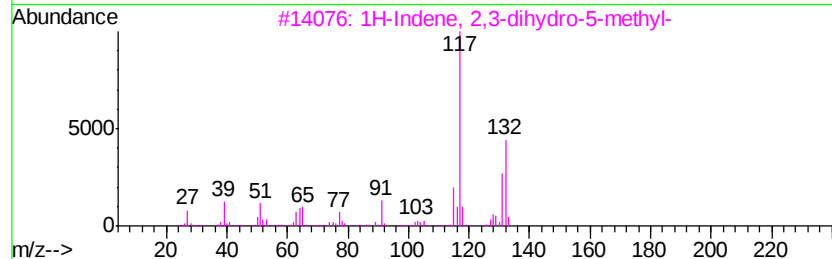
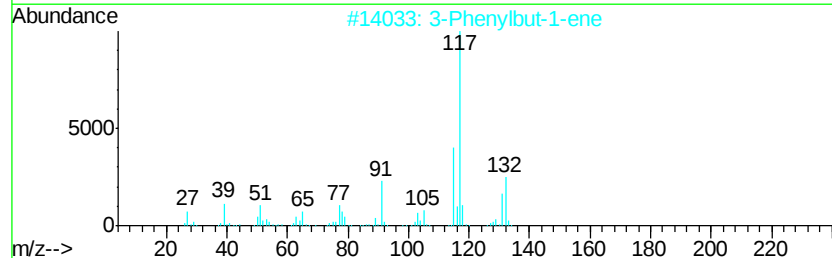
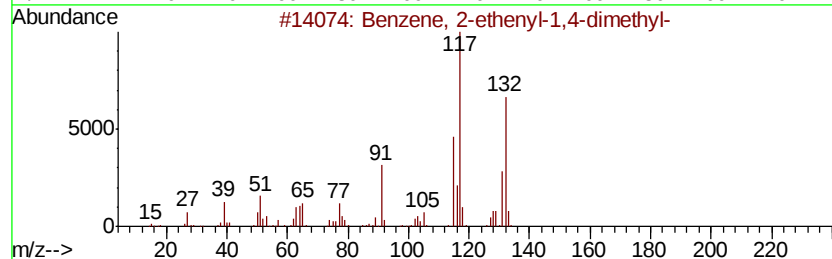
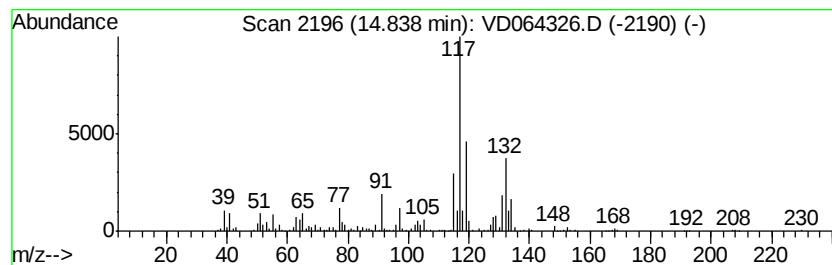
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	13.40 ug/l	680834	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6 96
2		3-Phenylbut-1-ene	132 C10H12	000934-10-1 91
3		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 90
4		Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8 87
5		Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0 87



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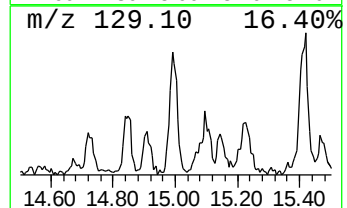
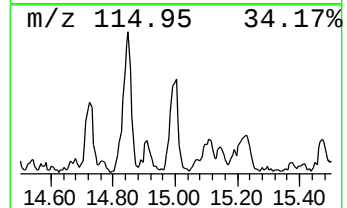
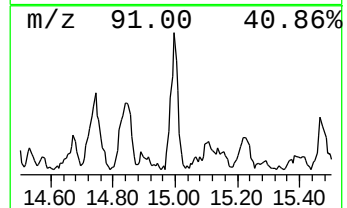
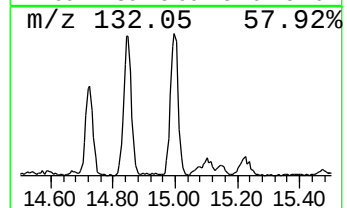
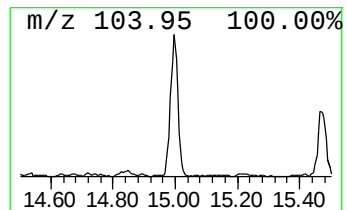
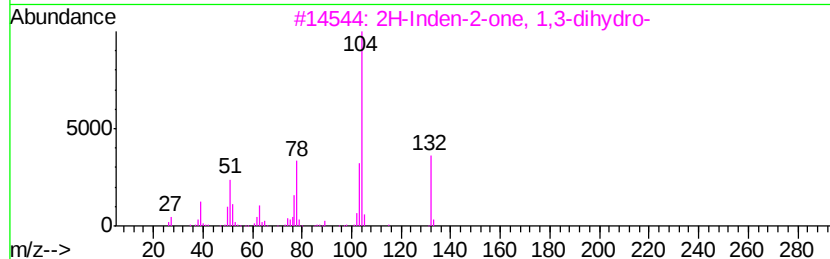
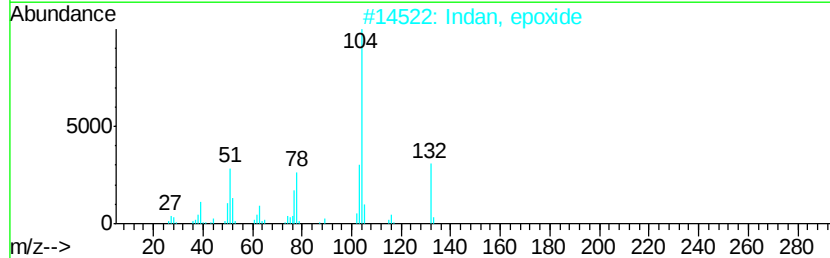
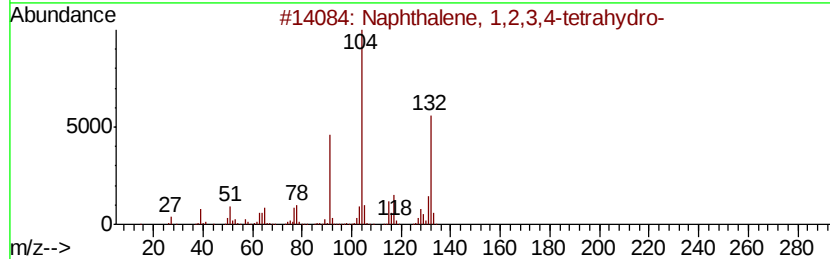
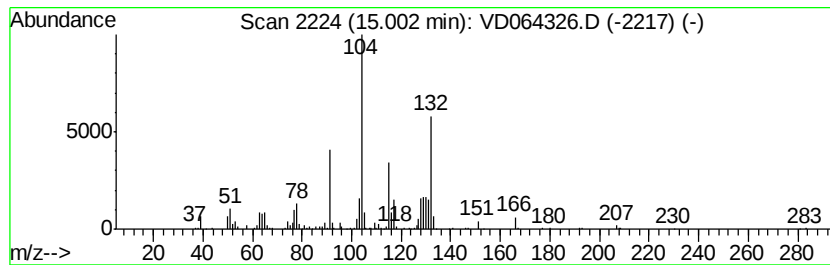
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	8.29 ug/l	421436	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		Indan, epoxide	132	C9H8O	000768-22-9	49
3		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	46
4		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	45
5		6-Dimethylaminomethyltricyclo[8.4.1.0 ^{2,5}]	281	C19H23NO	1000306-67-8	38



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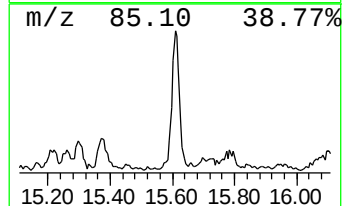
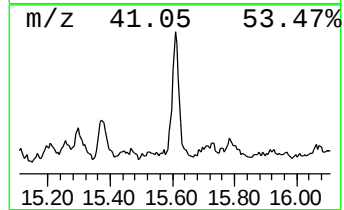
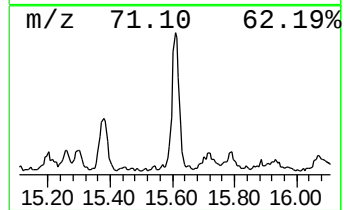
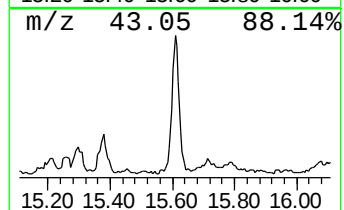
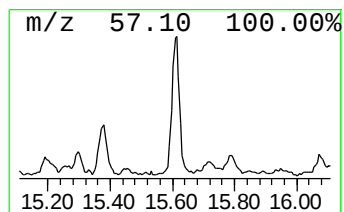
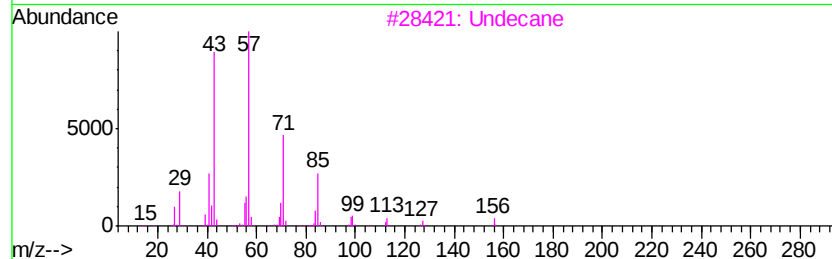
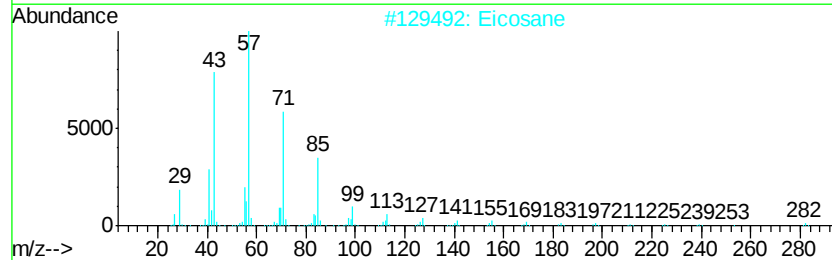
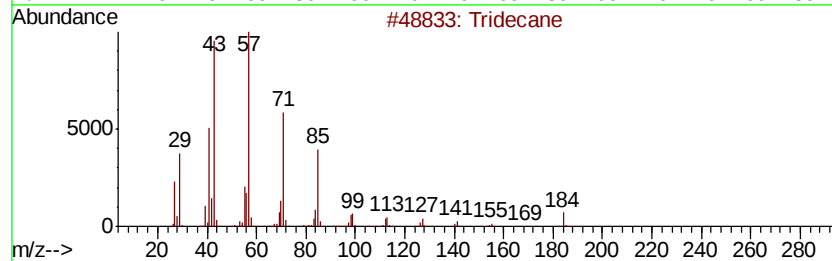
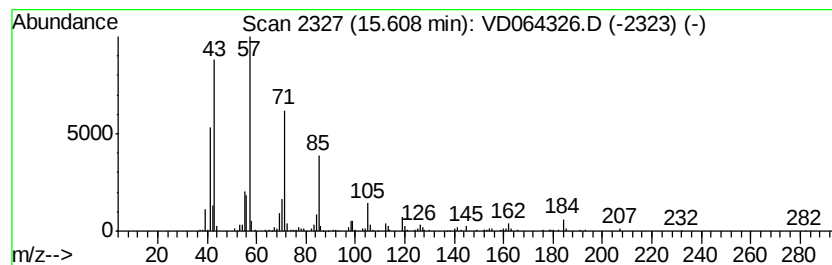
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 5 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	11.65 ug/l	592095	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Eicosane		282	C20H42	000112-95-8	70
3	Undecane		156	C11H24	001120-21-4	64
4	Hexatriacontane		507	C36H74	000630-06-8	59
5	Pentadecane		212	C15H32	000629-62-9	59



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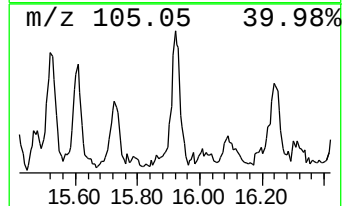
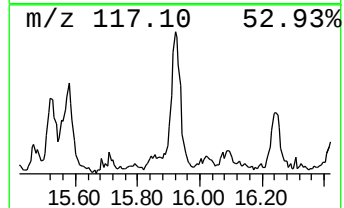
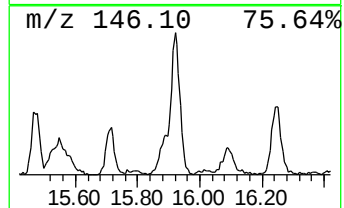
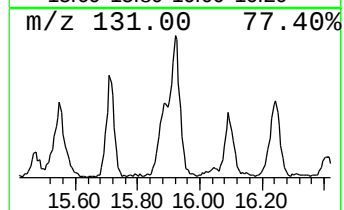
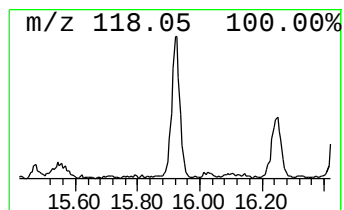
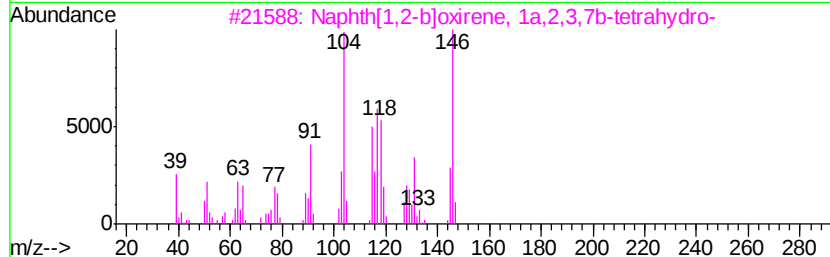
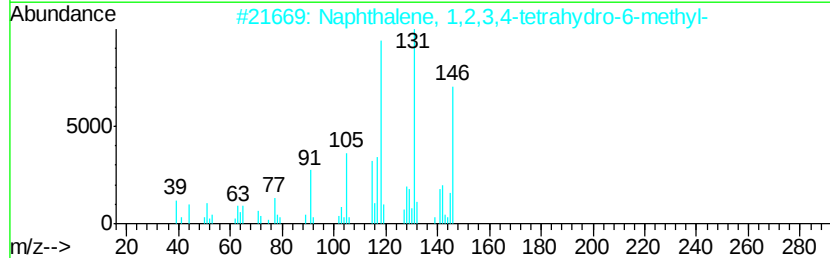
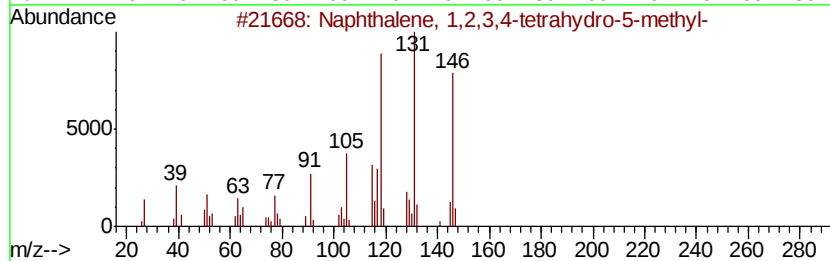
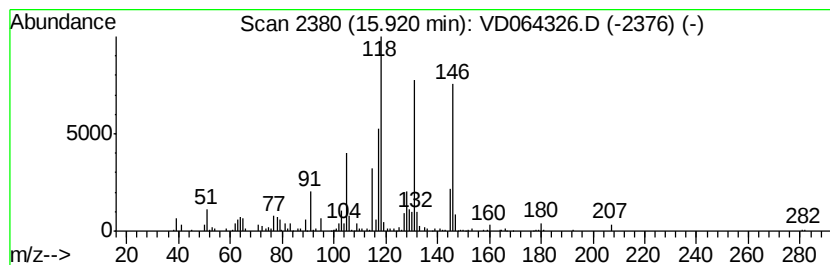
Instrument :
MSVOA_D
ClientSampleId :
SU-03-112019

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.92	8.96 ug/l	455339	1,4-Dichlorobenzene-d4	13.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	80
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	60
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112119\
Data File : VD064326.D
Acq On : 21 Nov 2019 15:59
Operator : VA/SY
Sample : K5676-26
Misc : 8.18G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-03-112019

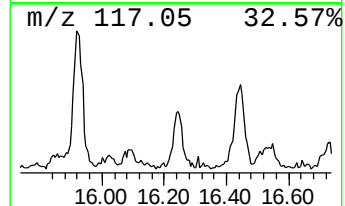
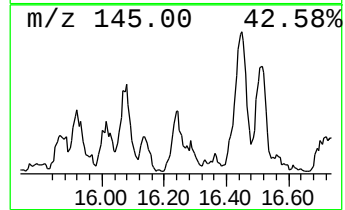
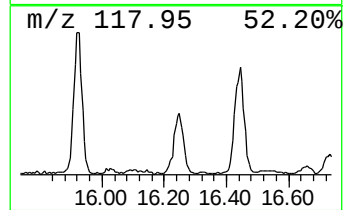
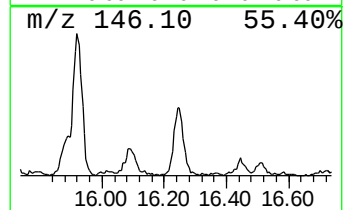
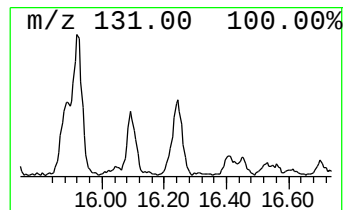
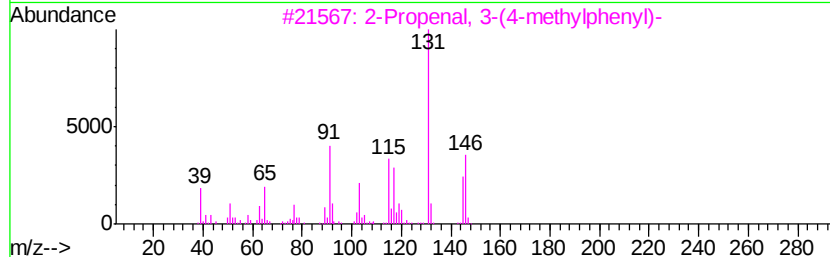
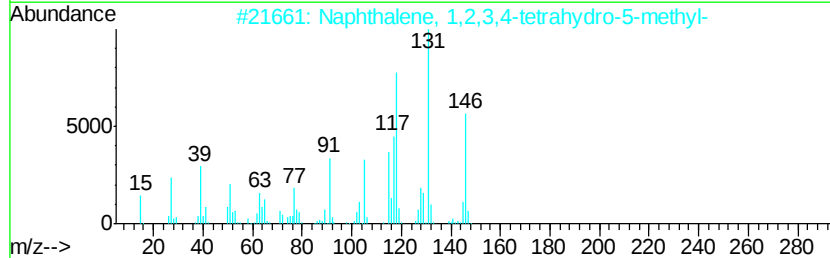
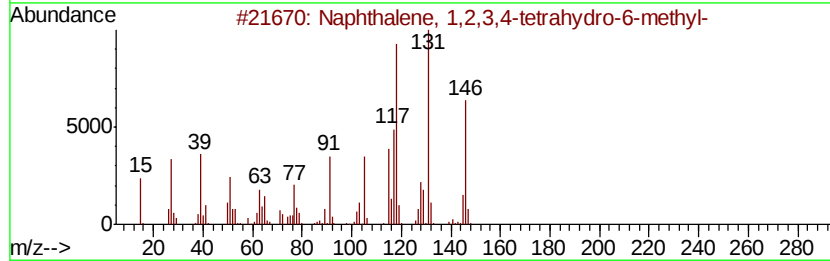
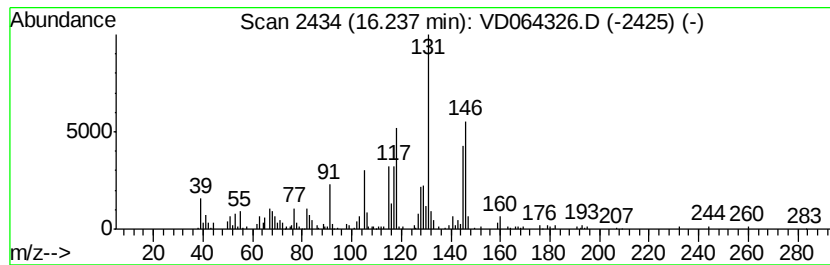
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	7.44 ug/l	377929	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3		2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	68
4		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	64
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112119\
Data File : VD064326.D
Acq On : 21 Nov 2019 15:59
Operator : VA/SY
Sample : K5676-26
Misc : 8.18G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

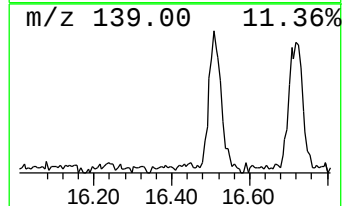
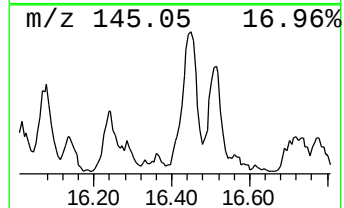
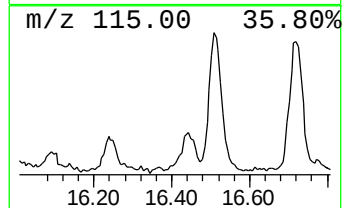
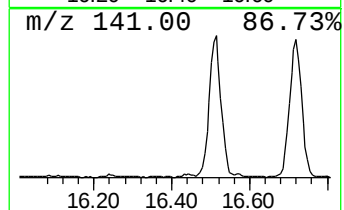
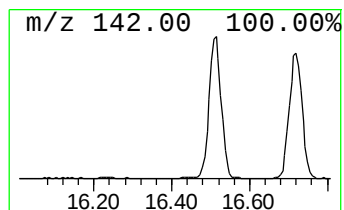
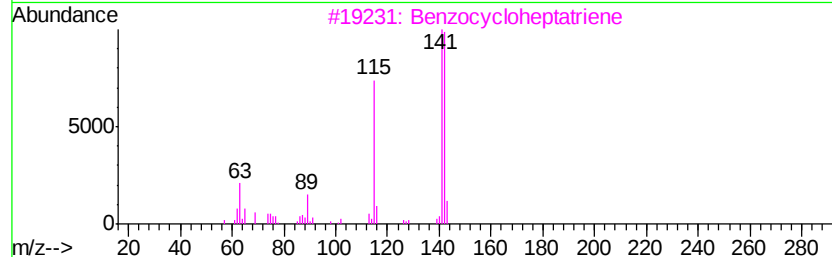
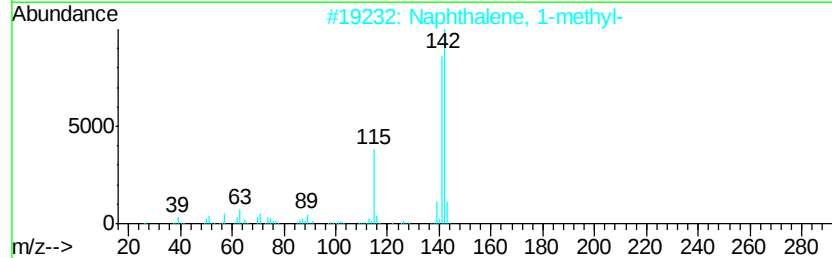
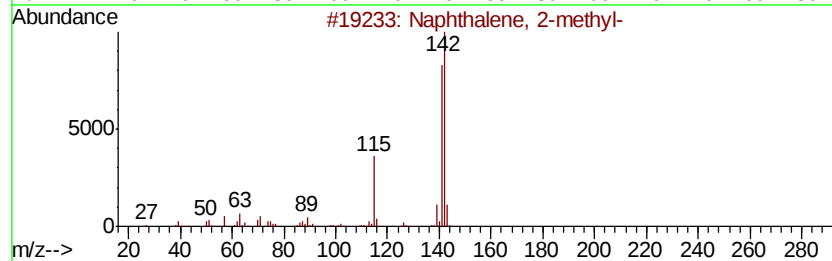
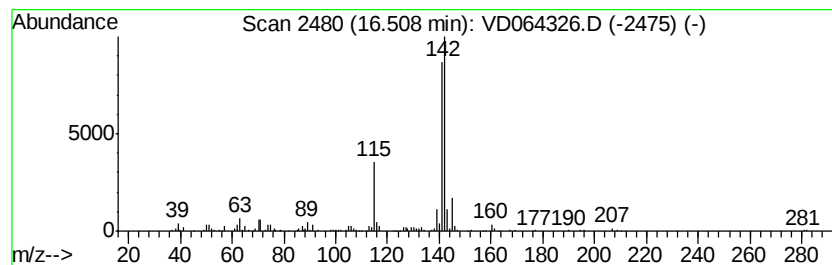
Instrument :
MSVOA_D
ClientSampleId :
SU-03-112019

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	10.77 ug/l	547321	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 97
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 95
3		Benzocycloheptatriene	142 C11H10	000264-09-5 90
4		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 87
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142 C11H10	002443-46-1 87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
Data File : VD064326.D
Acq On : 21 Nov 2019 15:59
Operator : VA/SY
Sample : K5676-26
Misc : 8.18G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-03-112019

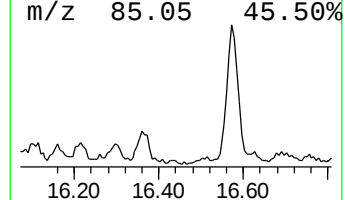
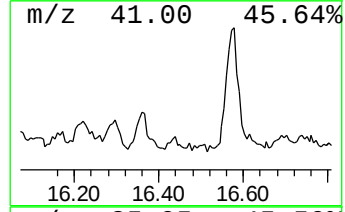
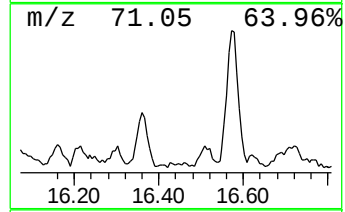
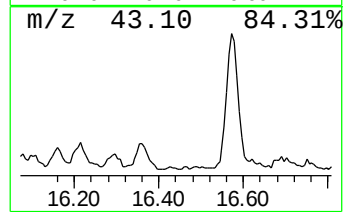
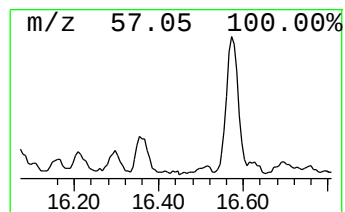
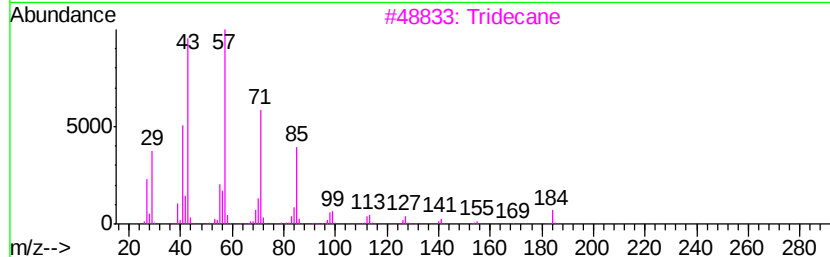
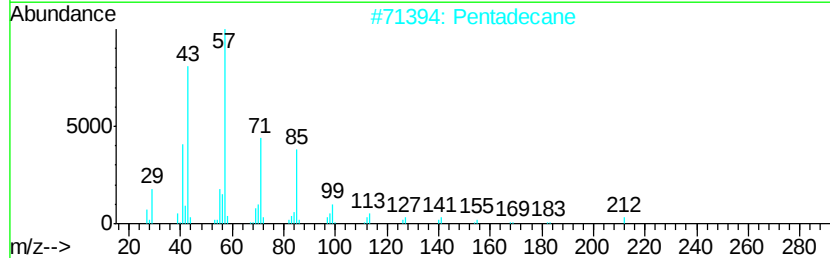
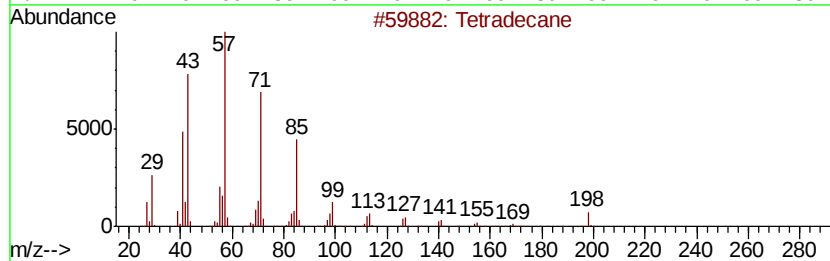
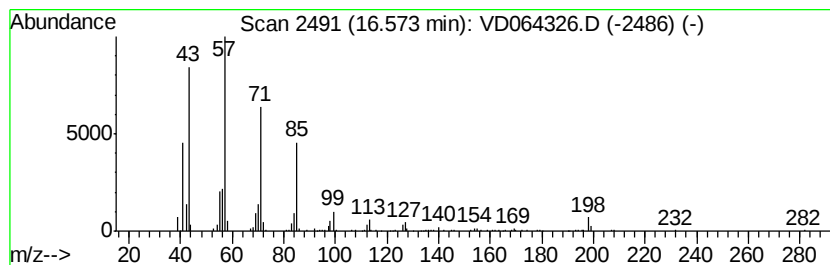
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

Peak Number 9 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	7.27 ug/l	369318	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Pentadecane	212	C15H32	000629-62-9	90
3		Tridecane	184	C13H28	000629-50-5	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD112119\
Data File : VD064326.D
Acq On : 21 Nov 2019 15:59
Operator : VA/SY
Sample : K5676-26
Misc : 8.18G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-03-112019

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	13.91	9.6	ug/l	486010	4	13.58	2540390	50.0
Dodecane	14.76	9.7	ug/l	493276	4	13.58	2540390	50.0
Benzene, 2-etheny...	14.84	13.4	ug/l	680834	4	13.58	2540390	50.0
Naphthalene, 1,2,...	15.00	8.3	ug/l	421436	4	13.58	2540390	50.0
Tridecane	15.61	11.7	ug/l	592095	4	13.58	2540390	50.0
Naphthalene, 1,2,...	15.92	9.0	ug/l	455339	4	13.58	2540390	50.0
Naphthalene, 1,2,...	16.24	7.4	ug/l	377929	4	13.58	2540390	50.0
Naphthalene, 1-me...	16.51	10.8	ug/l	547321	4	13.58	2540390	50.0
Tetradecane	16.57	7.3	ug/l	369318	4	13.58	2540390	50.0