LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074634.D
Acq On : 25 Oct 2022 15:53
Operator : VA/SY
Sample : N5267-13
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Title : SW846 8260

Signal : TIC: VD074634.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.728	18	24	38	rBV	445092	698941	100.00%	8.528%
2	4.799	536	546	557	rVB2	21246	63118	9.03%	0.770%
3	7.069	921	932	946	rBV	23706	67195	9.61%	0.820%
4	7.805	1047	1057	1063	rBV	89083	211302	30.23%	2.578%
5	7.875	1063	1069	1080	rVB	126389	281556	40.28%	3.435%
6	8.228	1113	1129	1140	rBV2	71422	202535	28.98%	2.471%
7	8.781	1214	1223	1231	rBV	187104	382429	54.72%	4.666%
8	10.269	1468	1476	1484	rBV	348479	620223	88.74%	7.568%
9	10.663	1539	1543	1548	rBV	17147	35532	5.08%	0.434%
10	11.181	1626	1631	1636	rBV2	28978	48380	6.92%	0.590%
11	11.387	1663	1666	1674	rVB5	26146	57521	8.23%	0.702%
12	11.581	1693	1699	1708	rBV	277716	477584	68.33%	5.827%
13	11.781	1728	1733	1736	rBV4	20315	41637	5.96%	0.508%
14	11.828	1738	1741	1753	rVB7	32348	95456	13.66%	1.165%
15	12.093	1778	1786	1792	rBV3	60772	162265	23.22%	1.980%
16	12.210	1804	1806	1810	rVB	32649	35952	5.14%	0.439%
17	12.298	1817	1821	1822	rBV4	36893	48913	7.00%	0.597%
18	12.322	1822	1825	1832	rVB2	92678	160158	22.91%	1.954%
19	12.398	1835	1838	1842	rBV5	18724	33338	4.77%	0.407%
20	12.575	1862	1868	1874	rVB2	271263	465903	66.66%	5.685%
21	12.663	1874	1883	1886	rBV8	67865	186086	26.62%	2.271%
22	12.734	1891	1895	1902	rVB3	166473	312689	44.74%	3.815%
23	12.822	1905	1910	1917	rBV8	50142	110033	15.74%	1.343%
24	12.904	1917	1924	1928	rBV6	92169	222480	31.83%	2.715%
25	13.040	1943	1947	1951	rVB4	64644	91143	13.04%	1.112%
26	13.081	1951	1954	1957	rBV	30084	45109	6.45%	0.550%
27	13.157	1960	1967	1972	rBV10	51303	146372	20.94%	1.786%
28	13.340	1995	1998	2002	rVV5	41776	57538	8.23%	0.702%
29	13.387	2003	2006	2013	rVB6	58590	145218	20.78%	1.772%
30	13.516	2022	2028	2036	rVB	256471	480159	68.70%	5.859%
31	13.657	2048	2052	2057	rVB3	65942	111477	15.95%	1.360%
32	13.840	2077	2083	2088	rBV2	222474	413085	59.10%	5.040%
33	13.945	2097	2101	2109	rBV8	55509	142929	20.45%	1.744%
34	14.163	2134	2138	2142	rBV7	34946	56006	8.01%	0.683%
35	14.228	2144	2149	2155	rVB4	72939	146991	21.03%	1.794%
36	14.287	2156	2159	2164	rVB6	37753	54293	7.77%	0.662%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074634.D
Acq On : 25 Oct 2022 15:53
Operator : VA/SY
Sample : N5267-13
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Title : SW846 8260

37	14.345	2164	2169	2173	rBV3	155071	290909	41.62%	3.550%
38	14.510	2193	2197	2202	rVB4	126178	188025	26.90%	2.294%
39	14.704	2227	2230	2234	rBV5	37697	60195	8.61%	0.734%
40	14.769	2236	2241	2246	rVV2	86188	188395	26.95%	2.299%
41	14.822	2246	2250	2256	rVB6	63513	107022	15.31%	1.306%
42	15.298	2326	2331	2337	rVB	104279	176234	25.21%	2.150%
43	15.369	2339	2343	2348	rBV6	47418	104170	14.90%	1.271%
44	16.257	2490	2494	2501	rVB3	44231	78987	11.30%	0.964%
45	16.592	2544	2551	2560	rBV10	26809	77196	11.04%	0.942%
46	16.716	2567	2572	2573	rBV5	8659	12982	1.86%	0.158%

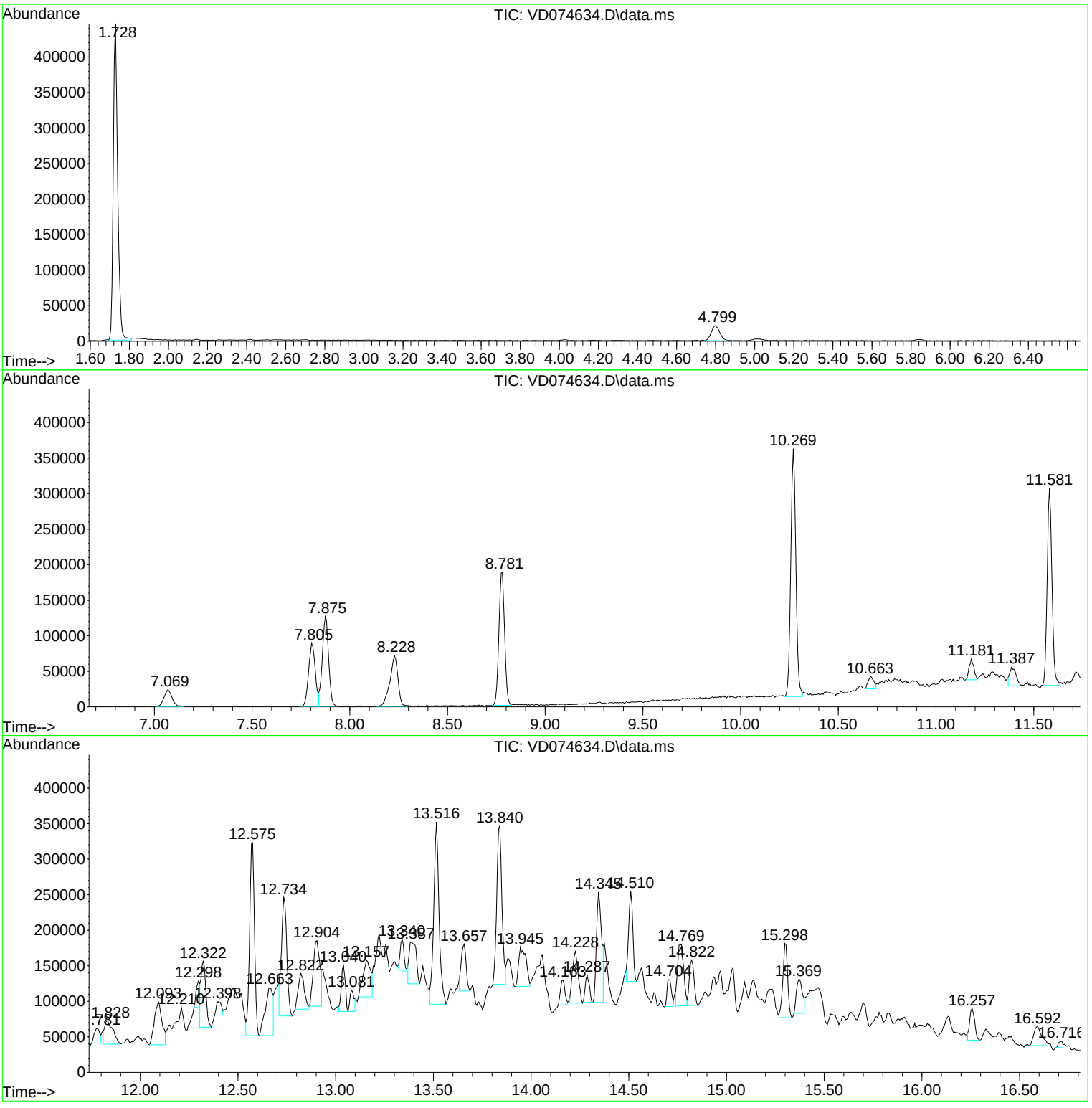
Sum of corrected areas: 8195661

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074634.D
Acq On : 25 Oct 2022 15:53
Operator : VA/SY
Sample : N5267-13
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074634.D
Acq On : 25 Oct 2022 15:53
Operator : VA/SY
Sample : N5267-13
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

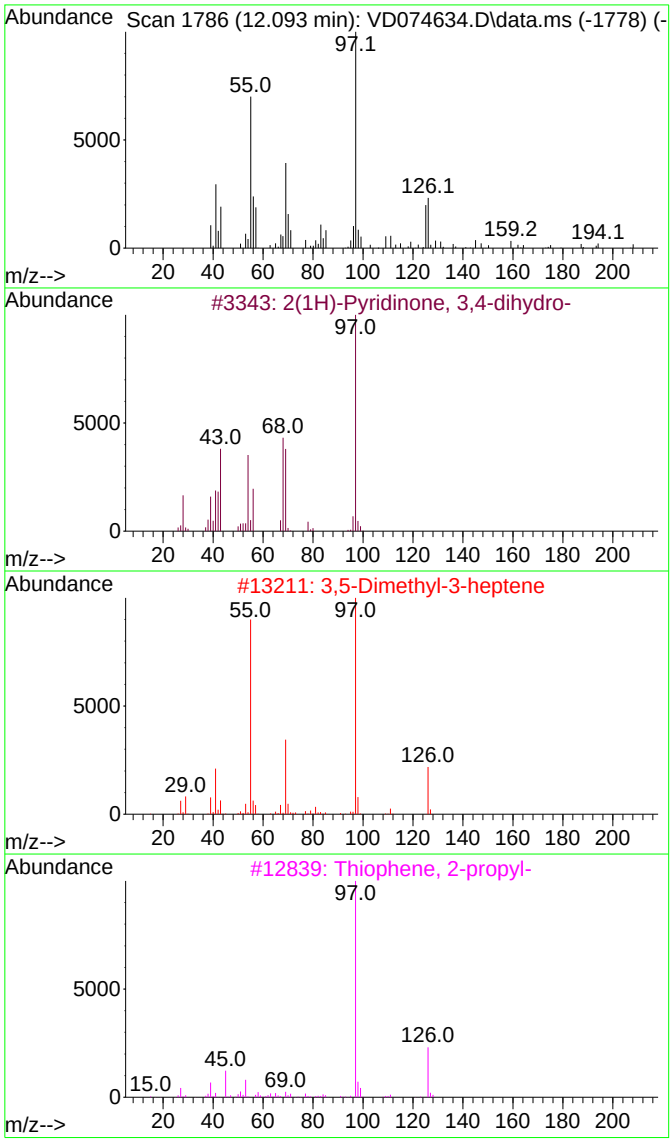
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

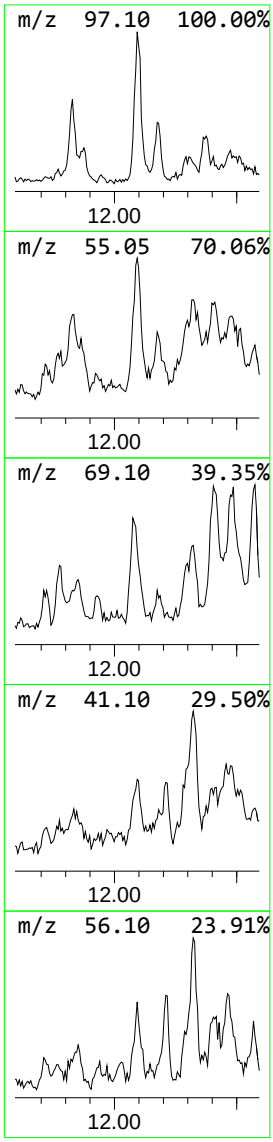
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2(1H)-Pyridinone, 3,4-dihydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.093	16.99 ug/l	162265	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pyridinone, 3,4-dihydro-	97	C5H7NO	057147-25-8	52
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	50
3	Thiophene, 2-propyl-	126	C7H10S	001551-27-5	49
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	49
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074634.D
Acq On : 25 Oct 2022 15:53
Operator : VA/SY
Sample : N5267-13
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

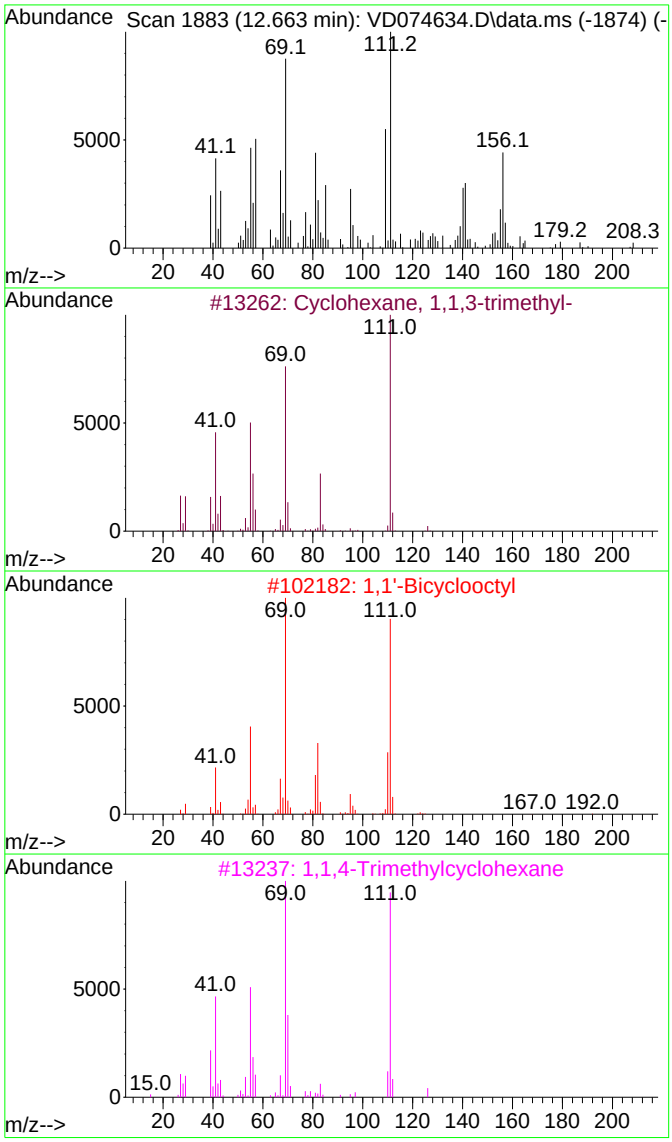
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

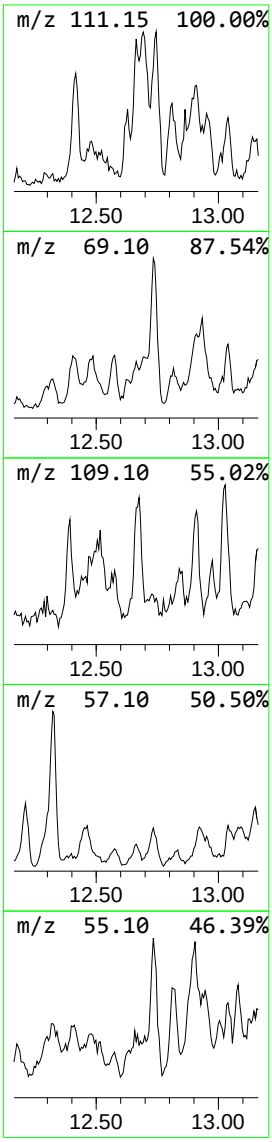
****

Peak Number 3 unknown12.663 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	19.38 ug/l	186086	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	38
3	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	35
4	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	35
5	(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-8	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074634.D
Acq On : 25 Oct 2022 15:53
Operator : VA/SY
Sample : N5267-13
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

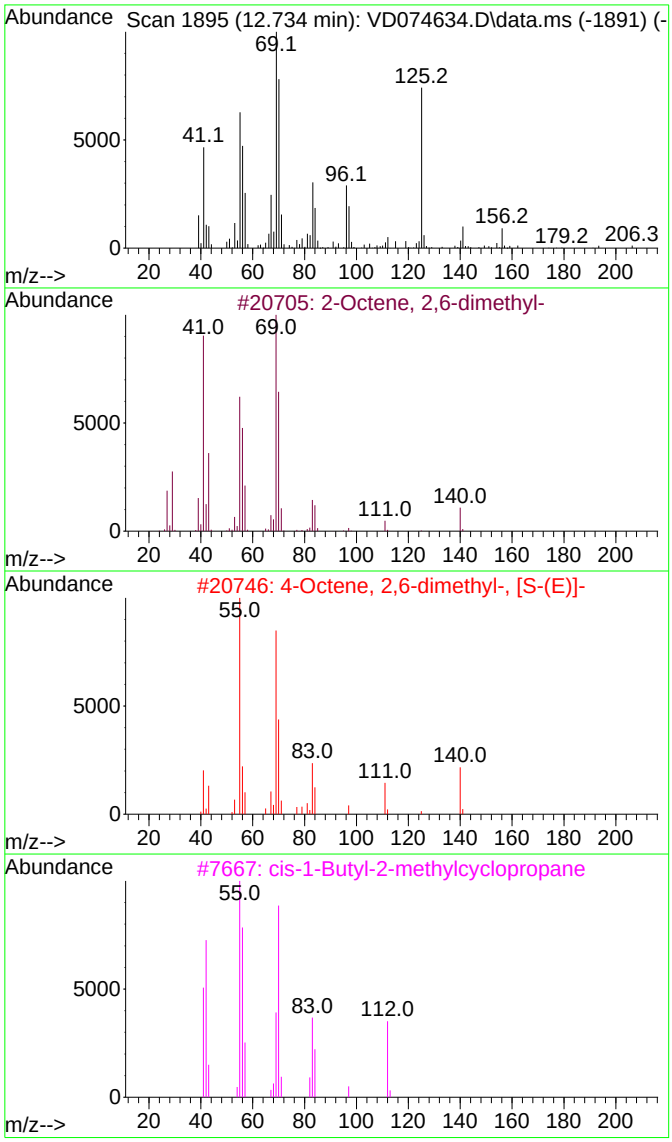
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

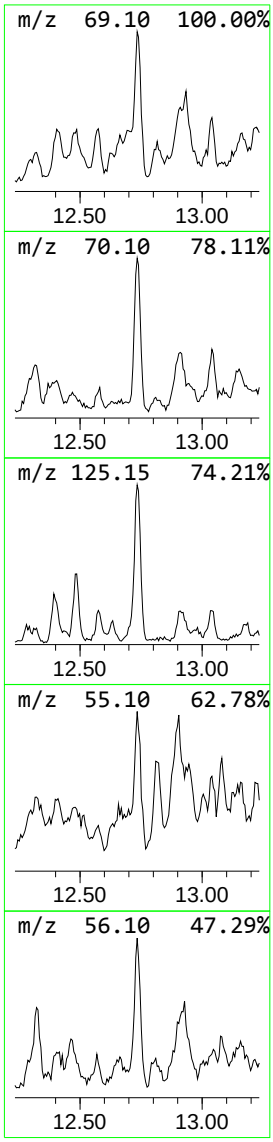
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Octene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.734	32.56 ug/l	312689	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	43
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38
4	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	30
5	2-Decene, 8-methyl-, (Z)-	154	C11H22	074630-25-4	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074634.D
Acq On : 25 Oct 2022 15:53
Operator : VA/SY
Sample : N5267-13
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

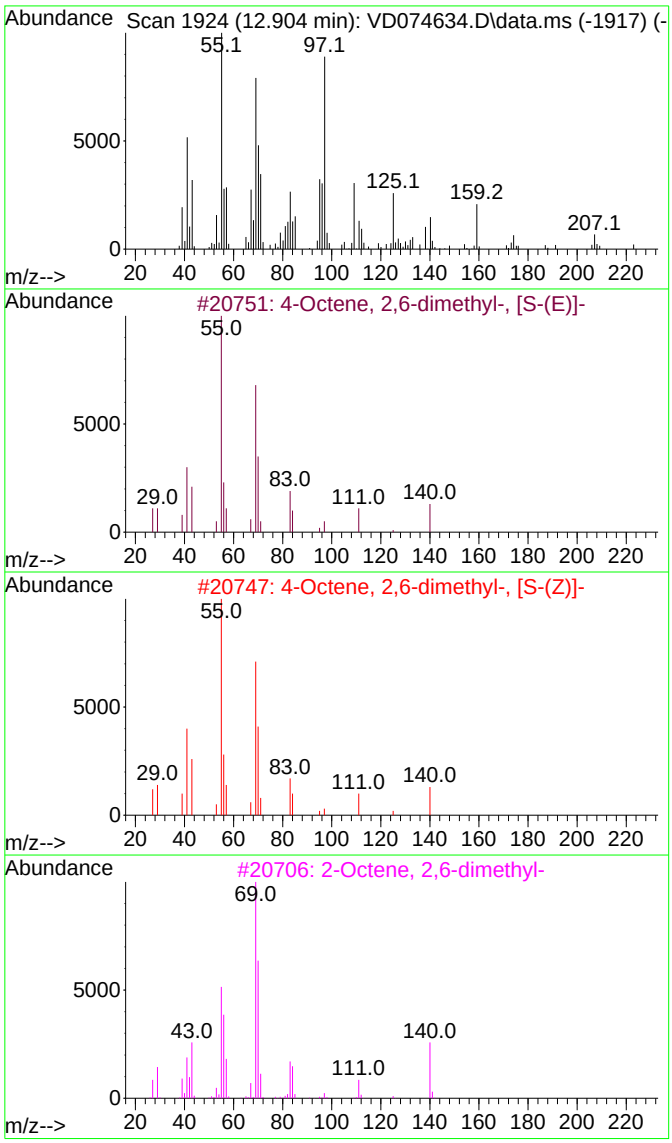
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

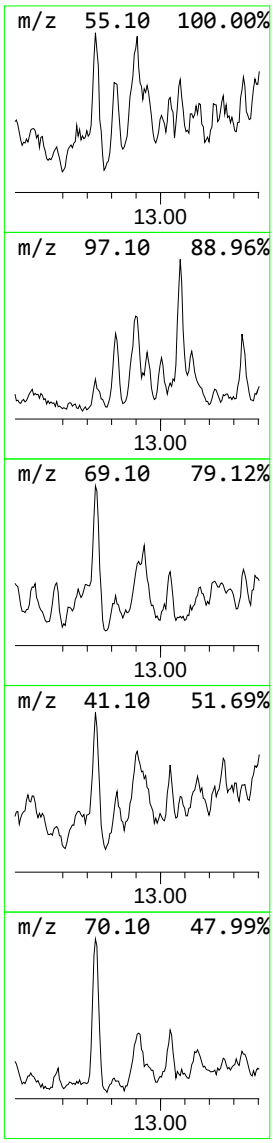
****

Peak Number 5 unknown12.904 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.904	23.17 ug/l	222480	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	38
2	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	30
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	30
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	25
5	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074634.D
Acq On : 25 Oct 2022 15:53
Operator : VA/SY
Sample : N5267-13
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

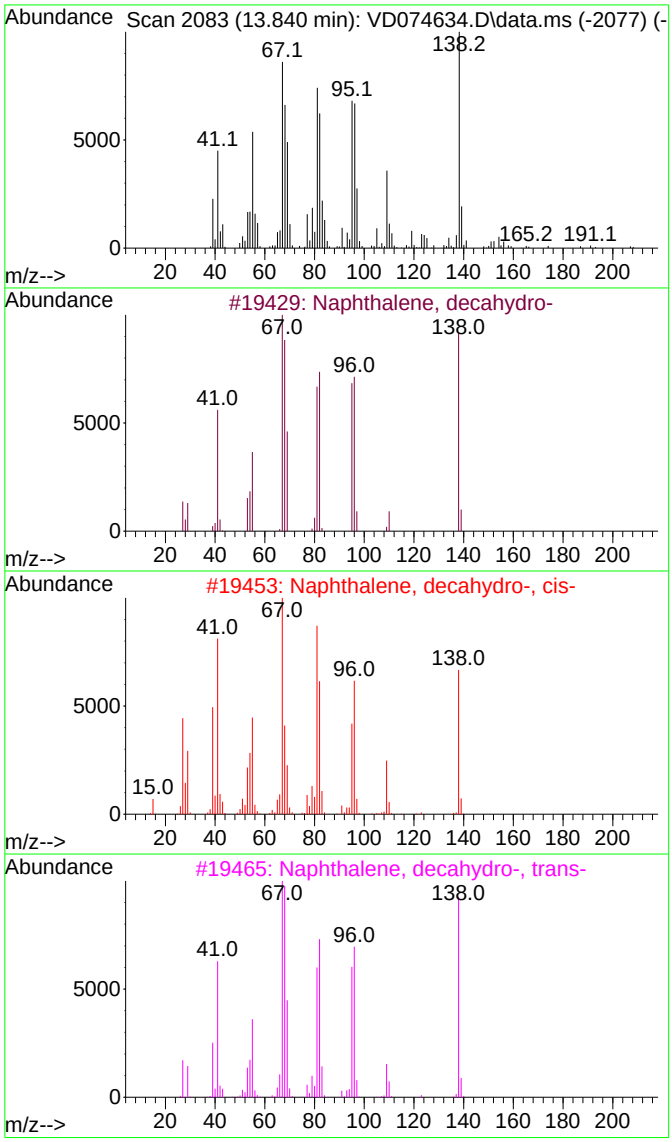
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

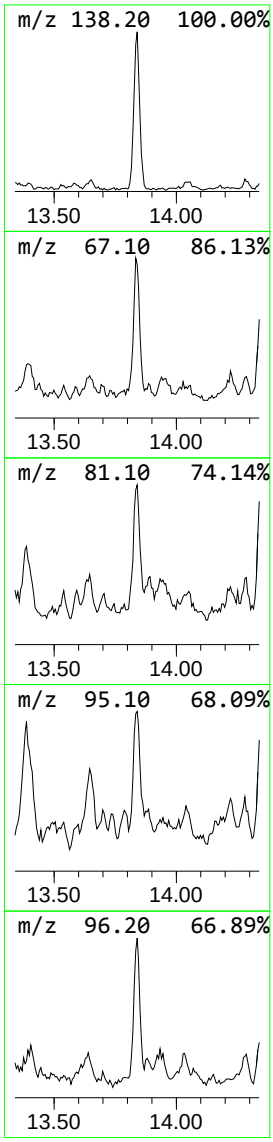
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.840	43.02 ug/l	413085	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	93
3	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
4	Spiro[4.5]decane	138	C10H18	000176-63-6	90
5	5-Octen-1-ol, (Z)-	128	C8H16O	064275-73-6	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074634.D
Acq On : 25 Oct 2022 15:53
Operator : VA/SY
Sample : N5267-13
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

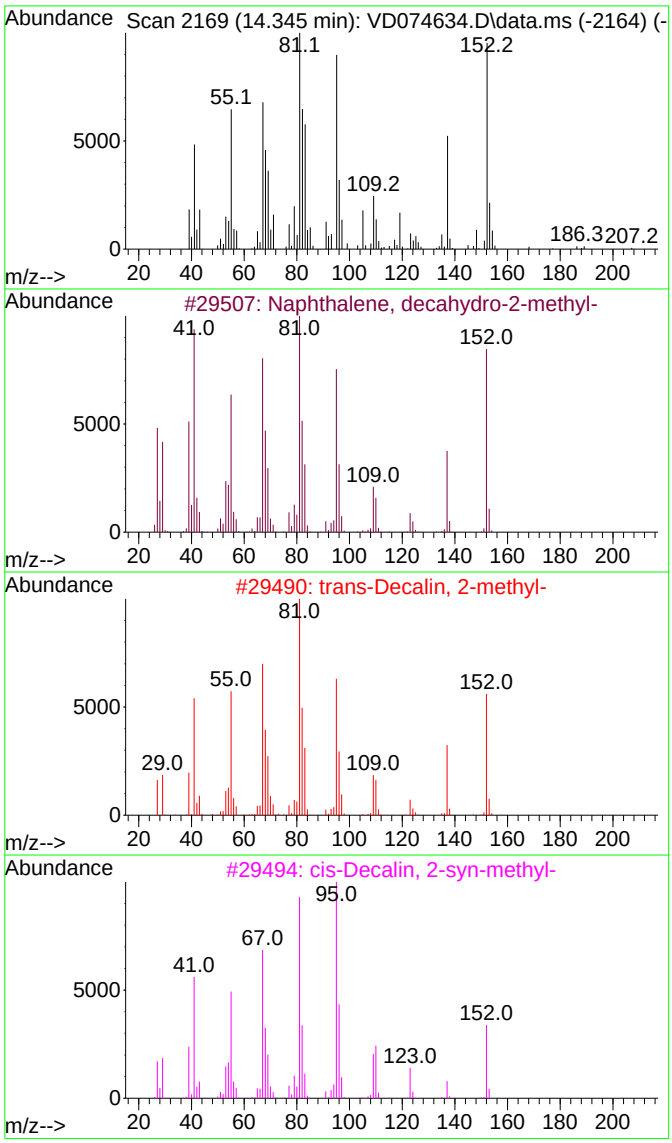
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

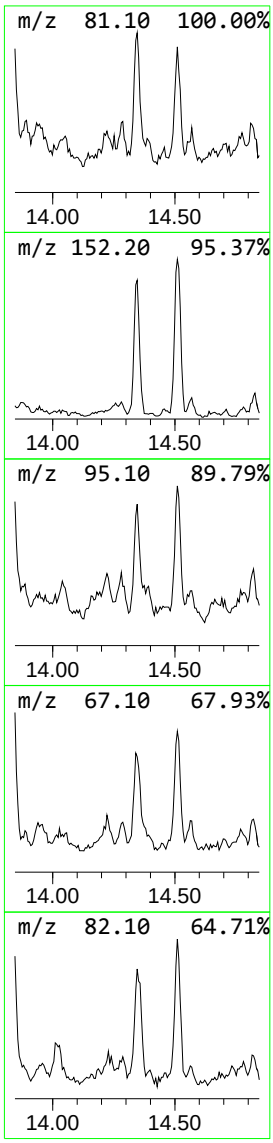
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	30.29 ug/l	290909	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
4	Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	55
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	52





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

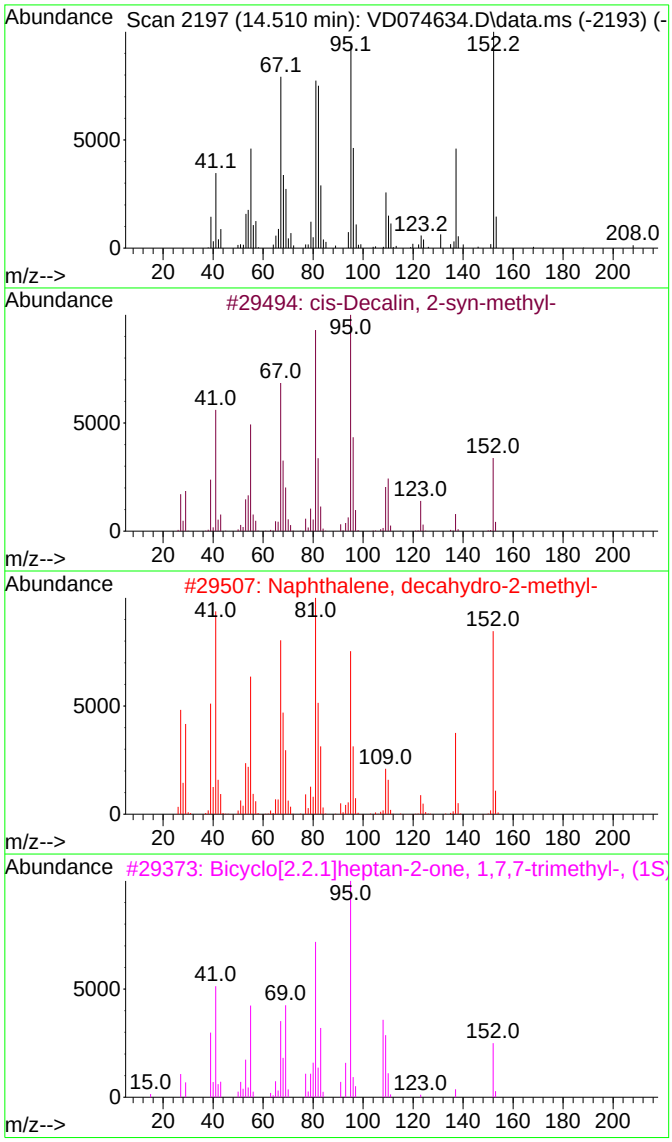
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

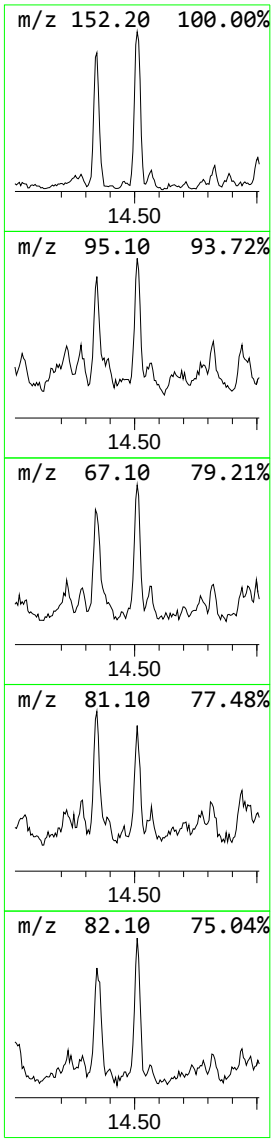
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 cis-Decalin, 2-syn-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	19.58 ug/l	188025	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	90
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	70
4	Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	64
5	Cyclopentylcyclohexane	152	C11H20	001606-08-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074634.D
Acq On : 25 Oct 2022 15:53
Operator : VA/SY
Sample : N5267-13
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

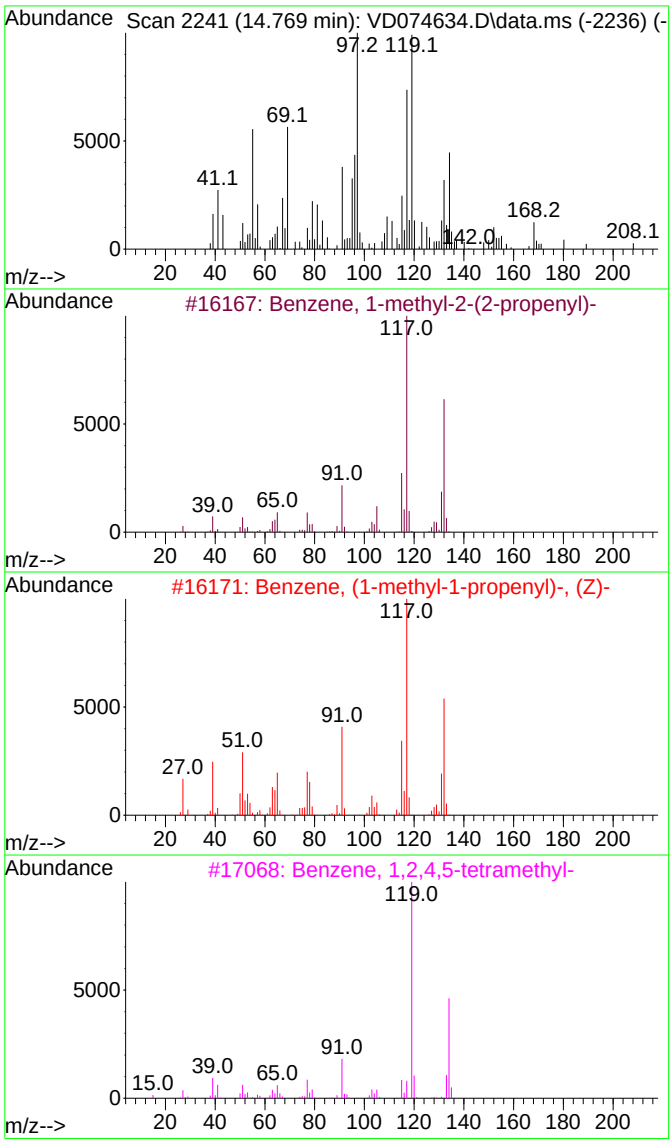
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

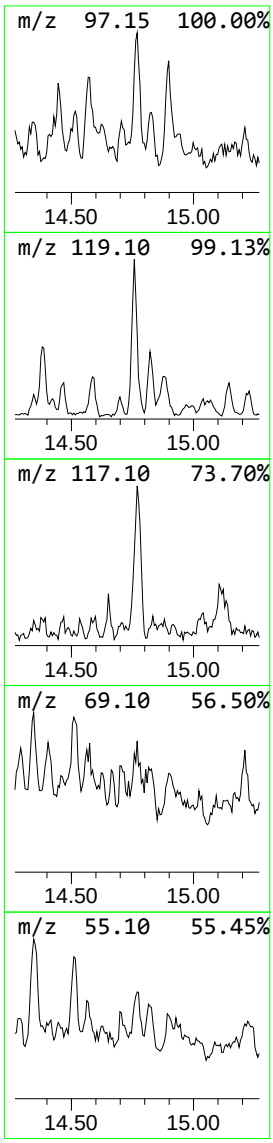
****

Peak Number 9 unknown14.769 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	19.62 ug/l	188395	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	25
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	25
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	25
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	25
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074634.D
Acq On : 25 Oct 2022 15:53
Operator : VA/SY
Sample : N5267-13
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

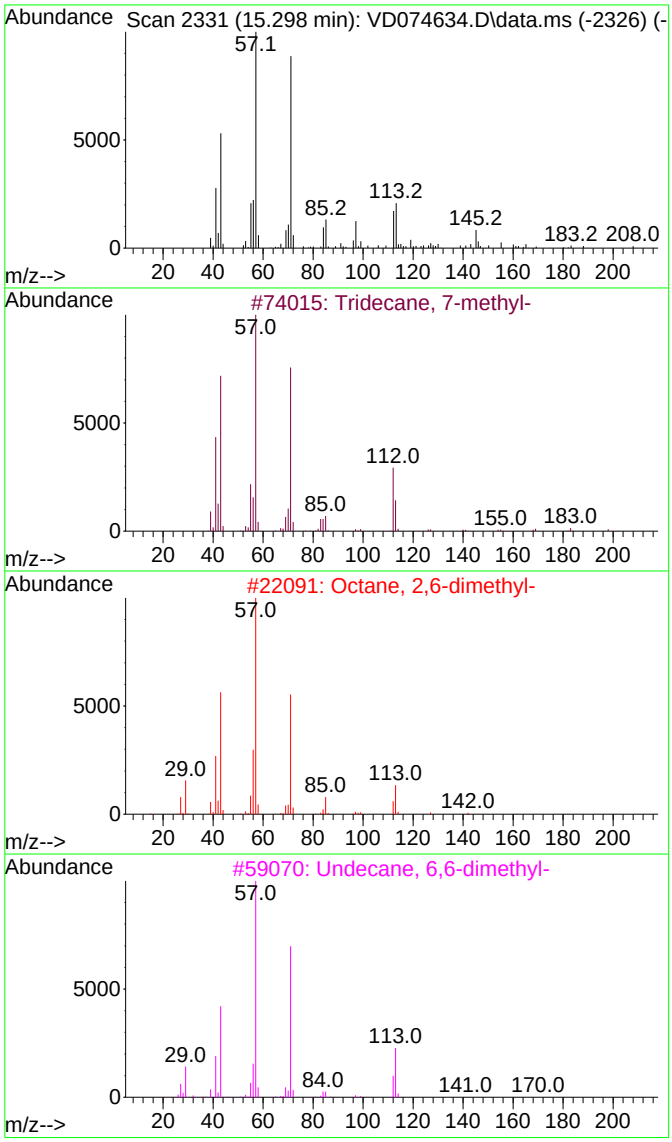
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

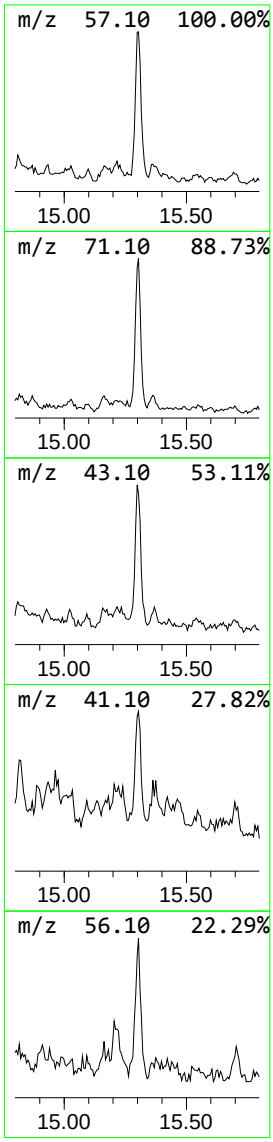
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Tridecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	18.35 ug/l	176234	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	59
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074634.D
Acq On : 25 Oct 2022 15:53
Operator : VA/SY
Sample : N5267-13
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2(1H)-Pyridinon...	12.093	17.0	ug/l	162265	3	11.581	477584	50.0
unknown12.663	12.663	19.4	ug/l	186086	4	13.516	480159	50.0
2-Octene, 2,6-d...	12.734	32.6	ug/l	312689	4	13.516	480159	50.0
unknown12.904	12.904	23.2	ug/l	222480	4	13.516	480159	50.0
Naphthalene, de...	13.840	43.0	ug/l	413085	4	13.516	480159	50.0
Naphthalene, de...	14.345	30.3	ug/l	290909	4	13.516	480159	50.0
cis-Decalin, 2-...	14.510	19.6	ug/l	188025	4	13.516	480159	50.0
unknown14.769	14.769	19.6	ug/l	188395	4	13.516	480159	50.0
Tridecane, 7-me...	15.298	18.4	ug/l	176234	4	13.516	480159	50.0